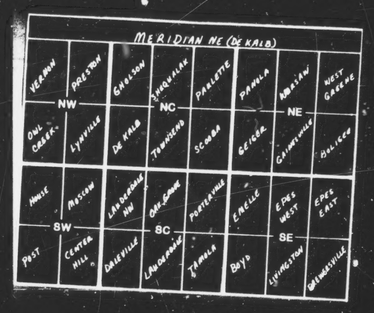
NO 1:100,000

COMPOSITE



GRID

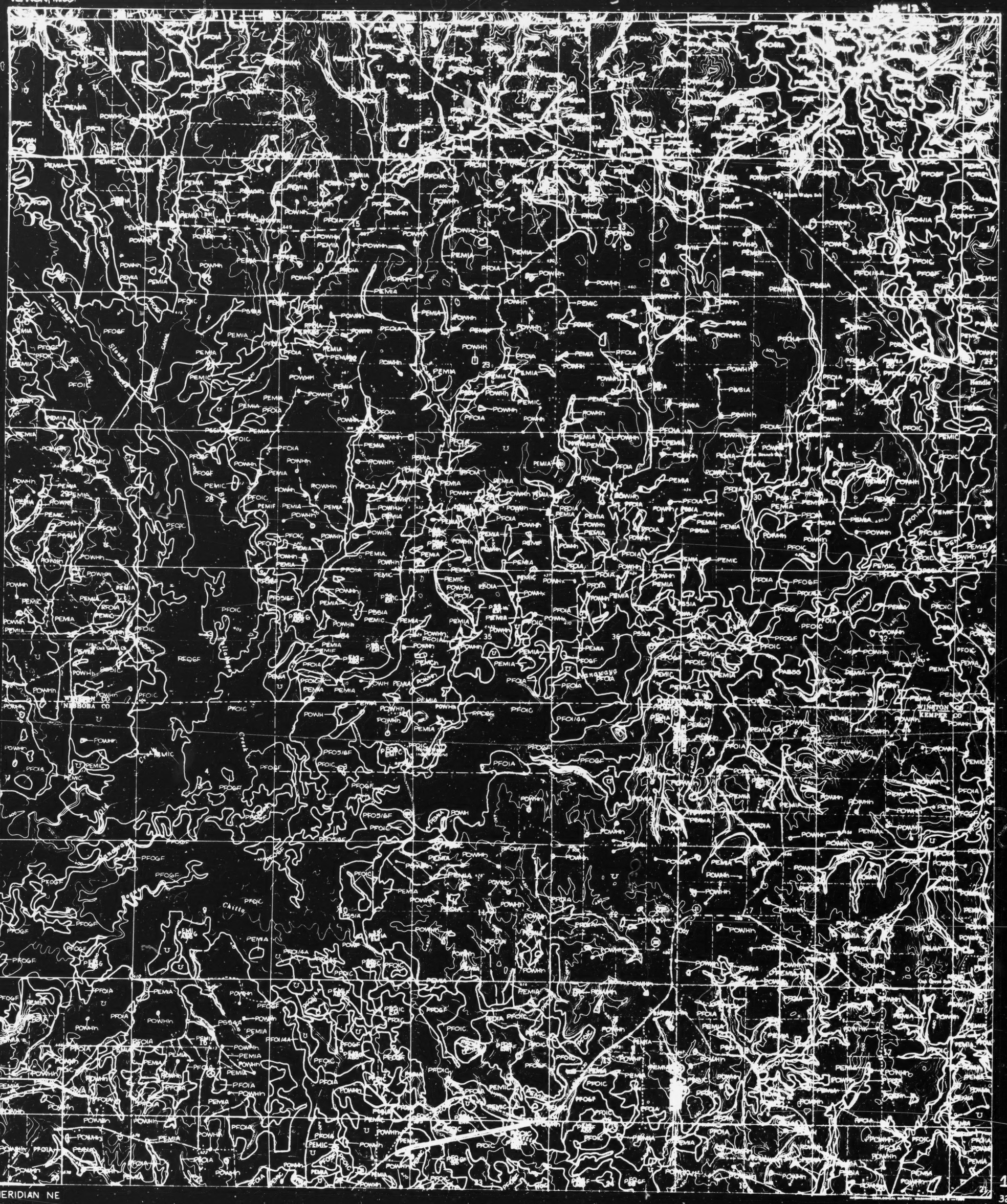
No 2
Bottom Half Shot
Top →

AP 14084C-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

VERNON, MISS.



MERIDIAN NE
DE KALB

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

1
32°52'30"
88°52'30"

A/P 4/80
VERNON, MISS.

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

M – MARINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Subtidal

RS ROCKY BOTTOM
1 Bedrock
2 Boulder

US UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
6 Unknown Submergent

RF REEF
1 Coral
3 Worm

OW OPEN WATER
Unknown Bottom

2 – Intertidal

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
6 Unknown Submergent

RF REEF
1 Coral
3 Worm

FL FLAT
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
8 Vegetated Pioneer
9 Vegetated Non pioneer

RS ROCKY SHORE
1 Bedrock
2 Boulder
8 Vegetated Non pioneer

BB BEACH/BAR
1 Cobble-Gravel
2 Sand

E – ESTUARINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Subtidal

RS ROCK BOTTOM
1 Bedrock
2 Boulder

US UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating leaved
5 Floating
6 Unknown Submergent
7 Unknown Surface

RF REEF
1 Mollusc
3 Worm

OW OPEN WATER
Unknown Bottom

2 – Intertidal

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
6 Unknown Submergent
7 Unknown Surface

RF REEF
1 Mollusc
3 Worm

FL FLAT
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
8 Vegetated Pioneer
9 Vegetated Non pioneer

BB STREAMBED
1 Cobble-Gravel
2 Sand
4 Organic

RS ROCKY SHORE
1 Bedrock
2 Boulder
8 Vegetated Non pioneer

BB BEACH/BAR
1 Cobble-Gravel
2 Sand

EM EMERGENT
1 Persistent
2 Nonpersistent
3 Narrow leaved Nonpersistent
4 Broad leaved Nonpersistent
5 Narrow leaved Persistent
6 Broad leaved Persistent

SS SCRUB/SHRUB
1 Broad leaved Deciduous
2 Broad leaved Evergreen
3 Needle leaved Evergreen
4 Dead
7 Deciduous
8 Evergreen

FO FORESTED
1 Broad leaved Deciduous
2 Broad leaved Evergreen
3 Needle leaved Evergreen
4 Dead
7 Deciduous
8 Evergreen

R – RIVERINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Tidal
2 – Lower Perennial
3 – Upper Perennial
4 – Intermittent
5 – Unknown Perennial

EM EMERGENT(1)
1 Nonpersistent
3 Narrow leaved Nonpersistent
4 Broad leaved Nonpersistent

RS ROCK BOTTOM
1 Bedrock
2 Boulder

US UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating leaved
5 Floating
6 Unknown Submergent
7 Unknown Surface

FL FLAT
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
8 Vegetated Pioneer
9 Vegetated Non pioneer

BB STREAMBED
1 Cobble-Gravel
2 Sand
4 Organic

RS ROCKY SHORE
1 Bedrock
2 Boulder

BB BEACH/BAR
1 Cobble-Gravel
2 Sand

OW OPEN WATER
Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Limnetic

RS ROCK BOTTOM
1 Bedrock
2 Boulder

US UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating leaved
5 Floating
6 Unknown Submergent
7 Unknown Surface

OW OPEN WATER
Unknown Bottom

2 – Littoral

RS ROCK BOTTOM
1 Bedrock
2 Boulder

US UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating leaved
5 Floating
6 Unknown Submergent
7 Unknown Surface

FL FLAT
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
8 Vegetated Pioneer
9 Vegetated Non pioneer

RS ROCKY SHORE
1 Bedrock
2 Boulder

BB BEACH/BAR
1 Cobble-Gravel
2 Sand

EM EMERGENT
2 Nonpersistent
3 Narrow leaved Nonpersistent
4 Broad leaved Nonpersistent

OW OPEN WATER
Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM
No Subsystem
CLASS
Subclass

RS ROCK BOTTOM
1 Bedrock
2 Boulder

US UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating leaved
5 Floating
6 Unknown Submergent
7 Unknown Surface

FL FLAT
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
8 Vegetated Pioneer
9 Vegetated Non pioneer

MS MOSS-LICHEN
1 Moss
2 Lichen

EM EMERGENT
1 Persistent
2 Nonpersistent
3 Narrow leaved Nonpersistent
4 Broad leaved Nonpersistent
5 Narrow leaved Persistent
6 Broad leaved Persistent

SS SCRUB-SHRUB
1 Broad leaved Deciduous
2 Needle leaved Deciduous
3 Broad leaved Evergreen
4 Needle leaved Evergreen
6 Dead
7 Deciduous
8 Evergreen

FO FORESTED
1 Broad leaved Deciduous
2 Needle leaved Deciduous
3 Broad leaved Evergreen
4 Needle leaved Evergreen
6 Dead
7 Deciduous
8 Evergreen

OW OPEN WATER
Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal

A Temporary
B Saturated
C Seasonal Well-drained
D Seasonal Saturated
E Semipermanent
G Intermittently Exposed

H Permanent
J Intermittently Flooded
K Artificial
M Intermittently Exposed/Permanent
N Intermittently Flooded/Temporary
P Saturated/Semipermanent/Seasonal
Z Unknown

Tidal

R Subtidal
S Irregularly Exposed
T Regularly
V Irregular

R Seasonal Tidal
S Temporary Tidal
T Semipermanent Tidal
U Permanent Tidal
Z Unknown

WATER CHEMISTRY

Coastal Salinity
1 Hyperhaline
2 Euhaline
3 Mixohaline (Mixosaline)
4 Polyhaline
5 Mesohaline
6 Oligohaline
0 Fresh

Inland Salinity
7 Hypersaline
8 Eusaline
9 Subsaline
0 Fresh

pH Modifiers for all Fresh Water
4 Acid
5 Circumneutral
6 Alkaline

SOIL

6 Organic
5 Mineral

SPECIAL MODIFIERS

b Beaver
d Partially Drained/Ditched
f Farmed
h Diked/Impounded
r Artificial
s Spoil
v Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deep-Water Habitats of the United States (An Operational Draft), Cowardin, et al, 1977. The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

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SYMBOLOGY EXAMPLE

SYSTEM
SUBSYSTEM
CLASS
E2EM5N
SUBCLASS, WATER REGIME
UPLAND (NON-WETLANDS)
Pf or PKf FARMED WETLANDS
CONTROLLED WATER REGIME

NOTES TO THE USER

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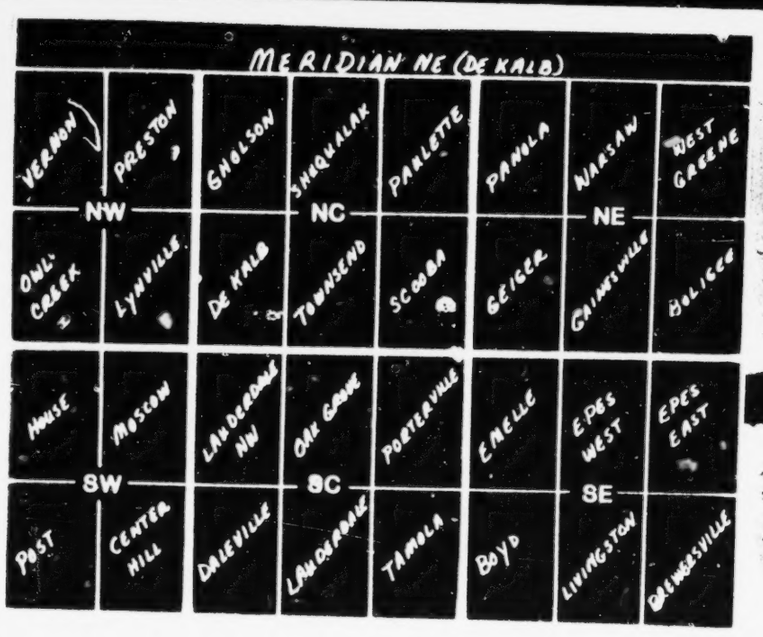
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.



AP 1 4084E-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

PRESTON, MISS.

MERIDIAN NE
DE KALB

SCALE 1:24000

N/P 4/30 88°45'

32°52'30"

PRESTON, MISS.

WETLAND LEGEND

0 – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

M – MARINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Subtidal

RB ROCK BOTTOM
1 Bedrock
2 Boulder

UB UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating Algal
5 Floating Vascular
6 Unknown Submergent
7 Unknown Surface

RF REEF
1 Coral
2 Worm

OW OPEN WATER
Unknown Bottom

2 – Intertidal

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
6 Unknown Submergent

RF REEF
1 Coral
2 Worm

FL FLAT
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
5 Vegetated
Non-pioneer

RS ROCKY SHORE
1 Bedrock
2 Boulder
5 Vegetated
Non-pioneer

BB BEACH/BAR
1 Cobble-Gravel
2 Sand

E – ESTUARINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Subtidal

RB ROCK BOTTOM
1 Bedrock
2 Boulder

UB UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating Algal
5 Floating Vascular
6 Unknown Submergent
7 Unknown Surface

RF REEF
1 Mollusk
2 Worm

OW OPEN WATER
Unknown Bottom

2 – Intertidal

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating Algal
5 Floating Vascular
6 Unknown Submergent
7 Unknown Surface

RF REEF
1 Mollusk
2 Worm

FL FLAT
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
5 Vegetated Pioneer
6 Vegetated Non-pioneer

SB STREAMBED
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

RS ROCKY SHORE
1 Bedrock
2 Boulder
5 Vegetated
Non-pioneer

BB BEACH/BAR
1 Cobble-Gravel
2 Sand

EM EMERGENT
1 Persistent
2 Nonpersistent
3 Narrow-leaved Persistent
4 Broad-leaved Persistent
5 Narrow-leaved Nonpersistent
6 Broad-leaved Nonpersistent

SS SCRUB/SHRUB
3 Broad-leaved Deciduous
4 Broad-leaved Evergreen
7 Needle-leaved Evergreen
8 Dead
9 Deciduous
Evergreen

FO FORESTED
3 Broad-leaved Deciduous
4 Broad-leaved Evergreen
7 Needle-leaved Evergreen
8 Dead
9 Deciduous
Evergreen

R – RIVERINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Tidal
2 – Lower Perennial
3 – Upper Perennial
4 – Intermittent
5 – Unknown Perennial

EM EMERGENT(1)
1 Nonpersistent
3 Narrow-leaved Nonpersistent
4 Broad-leaved Nonpersistent

RB ROCK BOTTOM
1 Bedrock
2 Boulder

UB UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating Algal
5 Floating Vascular
6 Unknown Submergent
7 Unknown Surface

FL FLAT
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
5 Vegetated Pioneer
6 Vegetated Non-pioneer

SB STREAMBED
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

RS ROCKY SHORE
1 Bedrock
2 Boulder

BB BEACH/BAR
1 Cobble-Gravel
2 Sand

OW OPEN WATER
Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Limnetic

RB ROCK BOTTOM
1 Bedrock
2 Boulder

UB UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating-leaved
5 Floating
6 Unknown Submergent
7 Unknown Surface

OW OPEN WATER
Unknown Bottom

2 – Littoral

RB ROCK BOTTOM
1 Bedrock
2 Boulder

UB UNCONSOLIDATED BOTTOM
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating-leaved
5 Floating
6 Unknown Submergent
7 Unknown Surface

FL FLAT
1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
5 Vegetated Pioneer
6 Vegetated Non-pioneer

RS ROCKY SHORE
1 Bedrock
2 Boulder

BB BEACH/BAR
1 Cobble-Gravel
2 Sand

EM EMERGENT
2 Nonpersistent
3 Narrow-leaved Nonpersistent
4 Broad-leaved Nonpersistent

OW OPEN WATER
Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM
No Subsystem
CLASS
Subclass

RB ROCK BOTTOM
1 Bedrock
2 Boulder

UB UNCONSOLIDATED BOTTOM
1 Cobble/Gravel
2 Sand
3 Mud
4 Organic

AB AQUATIC BED
1 Submergent Algal
2 Submergent Vascular
3 Submergent Moss
4 Floating-leaved
5 Floating
6 Unknown Submergent
7 Unknown Surface

FL FLAT
1 Cobble/Gravel
2 Sand
3 Mud
4 Organic
5 Vegetated Pioneer
6 Vegetated Non-pioneer

ML MOSS-LICHEN
1 Moss
2 Lichen

EM EMERGENT
1 Persistent
2 Nonpersistent
3 Narrow-leaved Nonpersistent
4 Broad-leaved Nonpersistent
5 Narrow-leaved Persistent
6 Broad-leaved Persistent

SS SCRUB/SHRUB
1 Broad-leaved Deciduous
2 Needle-leaved Deciduous
3 Broad-leaved Evergreen
4 Needle-leaved Evergreen
5 Dead
6 Deciduous
7 Evergreen

FO FORESTED
1 Broad-leaved Deciduous
2 Needle-leaved Deciduous
3 Broad-leaved Evergreen
4 Needle-leaved Evergreen
5 Dead
6 Deciduous
7 Evergreen

OW OPEN WATER
Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Nontidal
A Temporary
B Saturated
C Seasonal
D Seasonal/Well-drained
E Seasonal/Saturated
F Artificially Flooded
G Intermittently Exposed

Tidal
H Permanent
J Intermittently Flooded
K Artificial
L Intertidal
M Intertidally Exposed/Permanent
N Intertidally Flooded/Temporary
P Intertidally Exposed/Permanent/Seasonal/Temporary
Z Unknown

Nontidal to Tidal
R Seasonal Tidal
S Temporary Tidal
T Permanent Tidal
U Unknown

WATER CHEMISTRY

Coastal Salinity
1 Hyperhaline
2 Euhaline
3 Mixohaline (Brackish)
4 Polyhaline
5 Mesohaline
6 Oligohaline
0 Fresh

Inland Salinity
7 Hypersaline
8 Eusaline
9 Mixosaline
0 Fresh

pH Modifiers for all Fresh Water
a Acid
i Circumneutral
b Alkaline

SOIL

0 Organic
1 Mineral

SPECIAL MODIFIERS

b Beaver
d Partially Drained/Ditched
f Farmed
h Diked/Impounded
r Artificial
s Spoil
x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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SYMBOLOGY EXAMPLE

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MERIDIAN NE (DE-KALB)

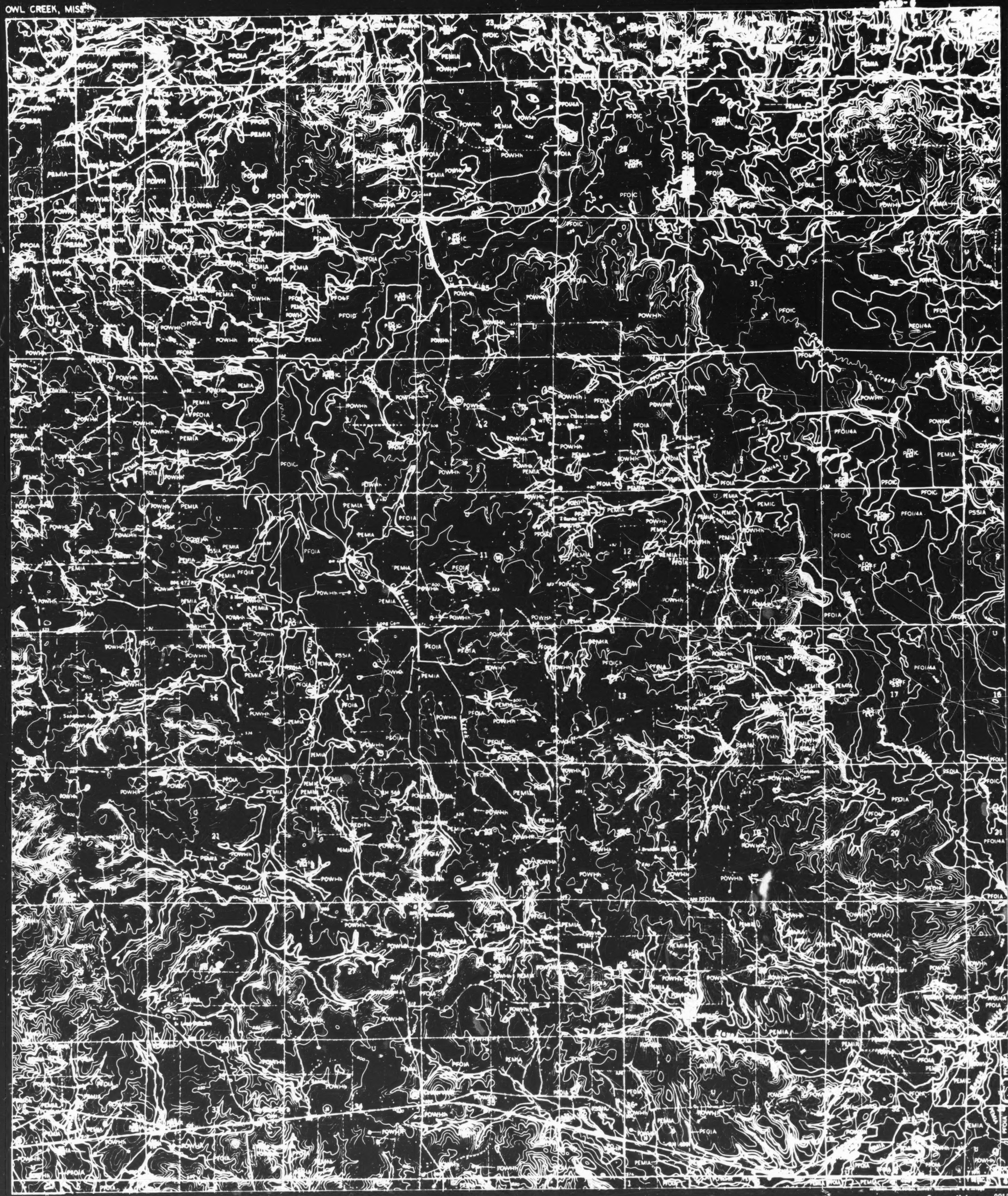
VERNON	PRESTON	GNELSON	SHAQUALAK	PARLOTTE	PANOLA	WARSAW	WEST GREENE
NW			NC			NE	
OWL CREEK	LYNVILLE	DE KALB	TOWNSEND	SCOOBA	GEIGER	GAINESVILLE	BOLIGEE
HINDE	MOSCOW	LAUDERDALE NW	OAK GROVE	PORTERVILLE	EMELLE	EPES WEST	EPES EAST
SW			SC			SE	
POST	CENTER HILL	DALEVILLE	LAUDERDALE	TAMALA	BOYD	LIVINGSTON	DAENGERFIELD

AP 14064C D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

OWL CREEK, MISS.



MERIDIAN N E
DE KALB

SCALE 1" = 400

32° 45'

88° 52' 30"

A/P 4/80

OWL CREEK, MISS.

WETLAND LEGEND

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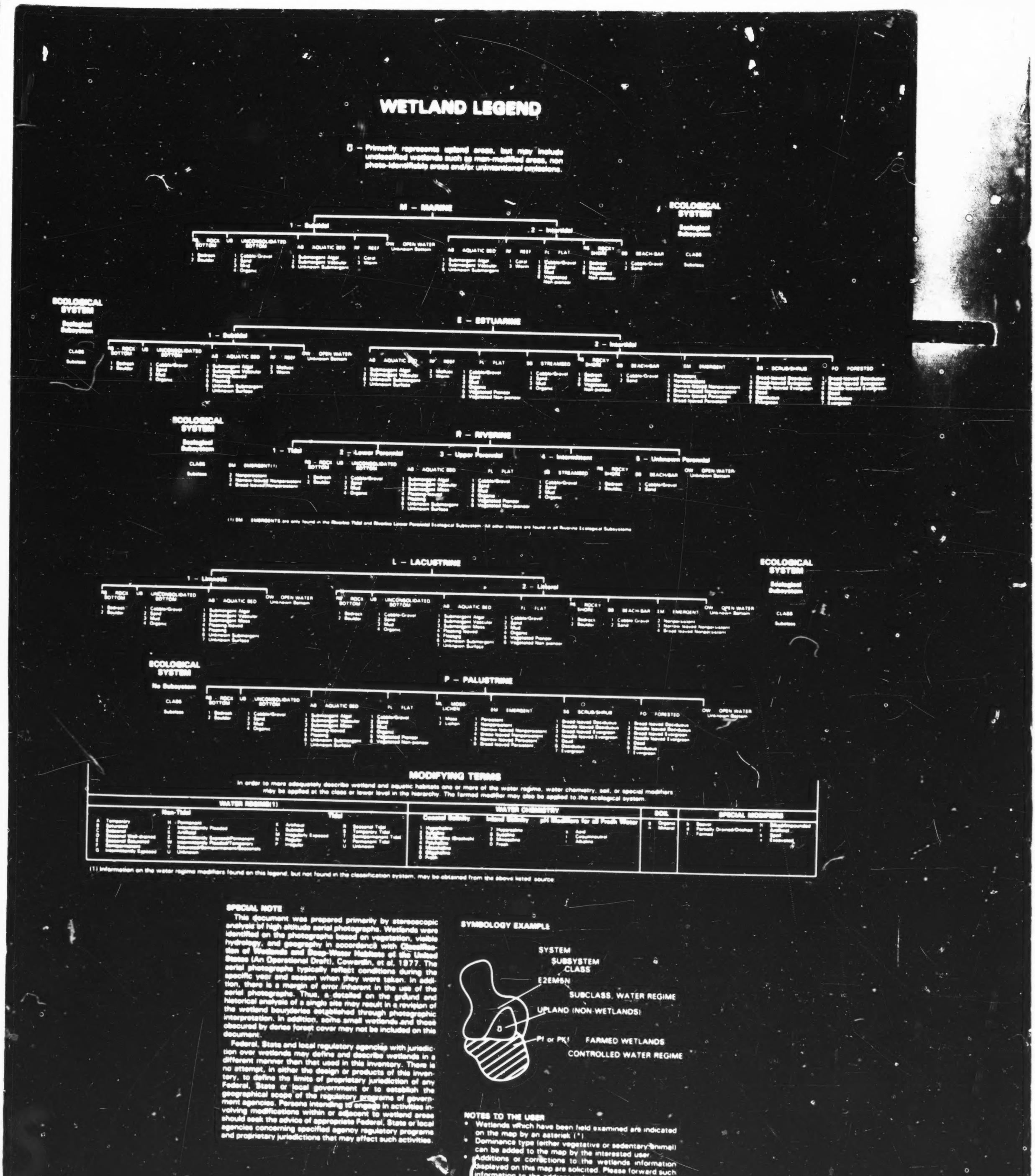

MODIFYING TERMS

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WATER REGIME(1)															WATER CHEMISTRY														SOIL	SPECIAL MODIFIERS						
Non-Tidal								Tidal							Coastal Salinity				Inland Salinity				pH Modifiers for all Fresh Water								Organic	Mineral	Dammed	Partly Drained/Ditched	Farmed	Diked/Impounded	Artificial	Spoil	Excavated
A Temporary								F Subtidal							1 Hypersaline				5 Saline				7 Hyperhaline														
B Saturated								G Irregularly Exposed							2 Eusaline				6 Mixosaline				8 Polyhaline														
C Seasonal								H Regularly Flooded							3 Mixohaline (Brackish)				4 Fresh																		
D Seasonal/Well-drained								J Irregularly Flooded																												
E Saturated/Semipermanent								K Artificial																												
F Permanent								L Artificial																												
G Intermittently Exposed								U Unknown																												

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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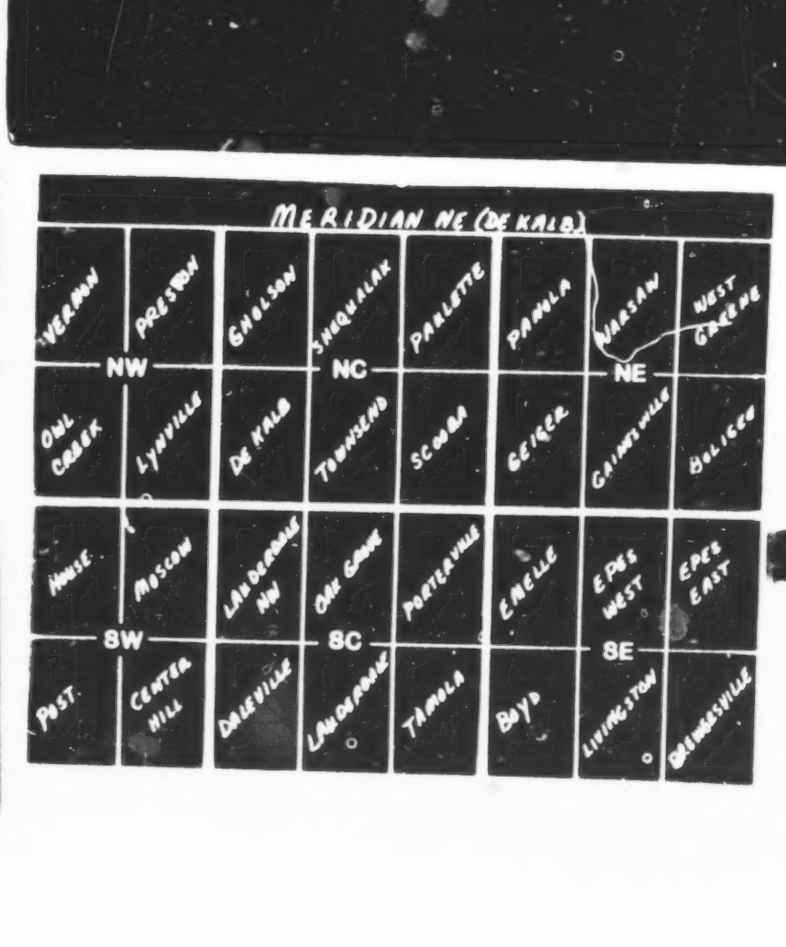
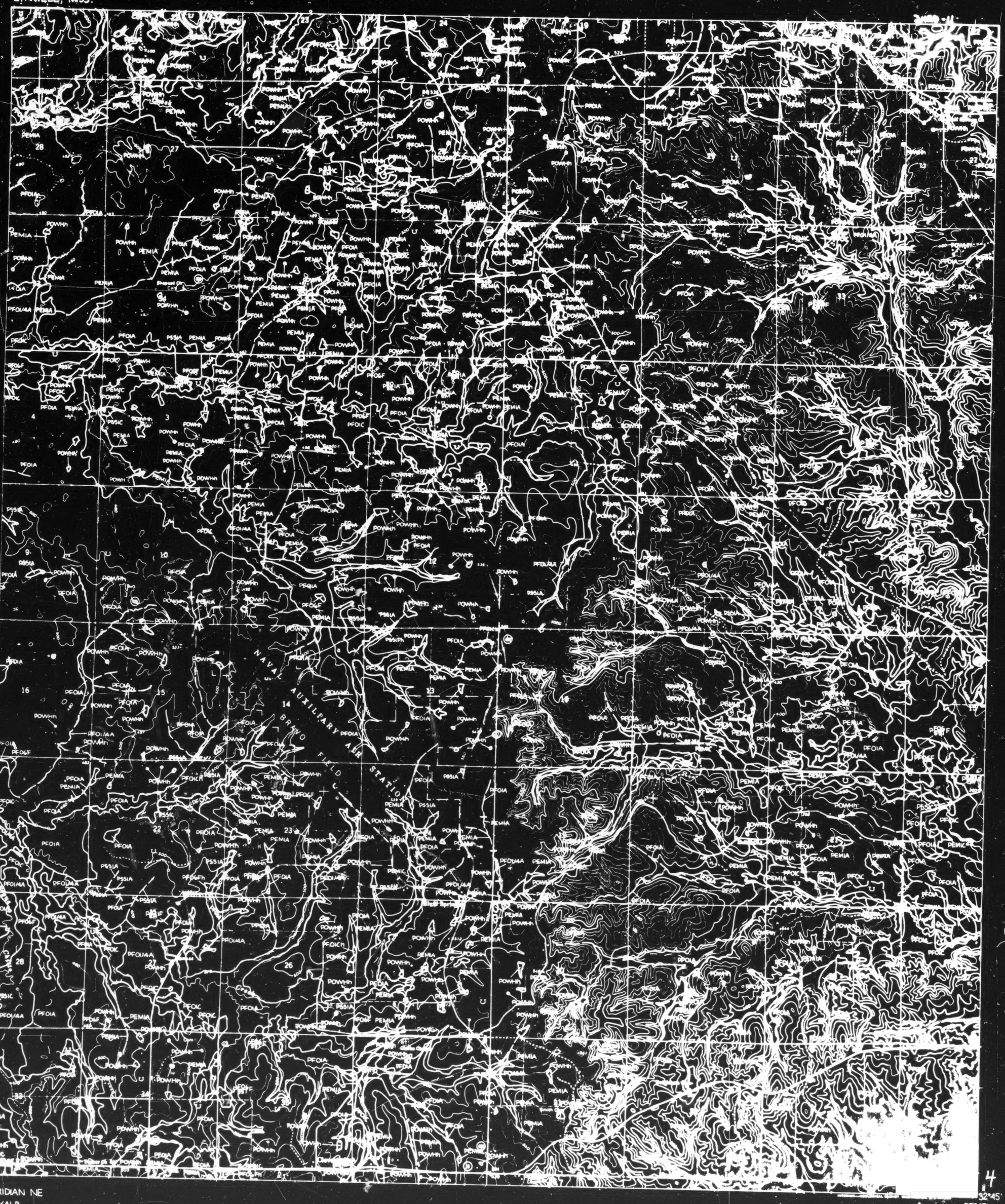


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

LYNVILLE, MISS.



MERIDIAN NE
DE KALB

SCALE 1:24000

4
32°45'
88°45'

A/P 4/90
LYNVILLE, MISS

WETLAND LEGEND

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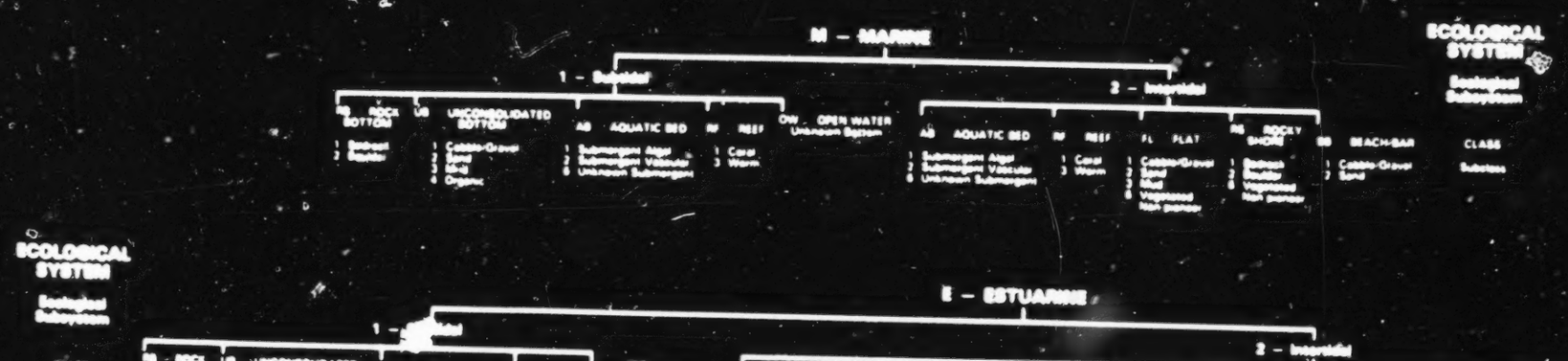
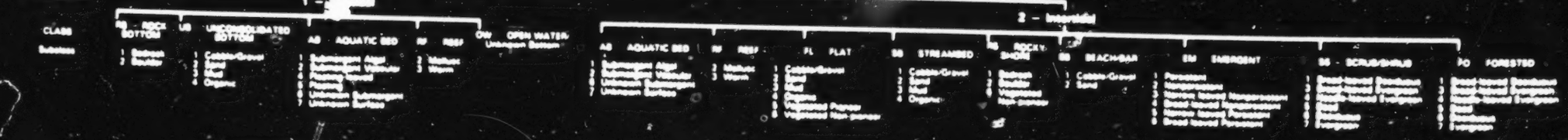
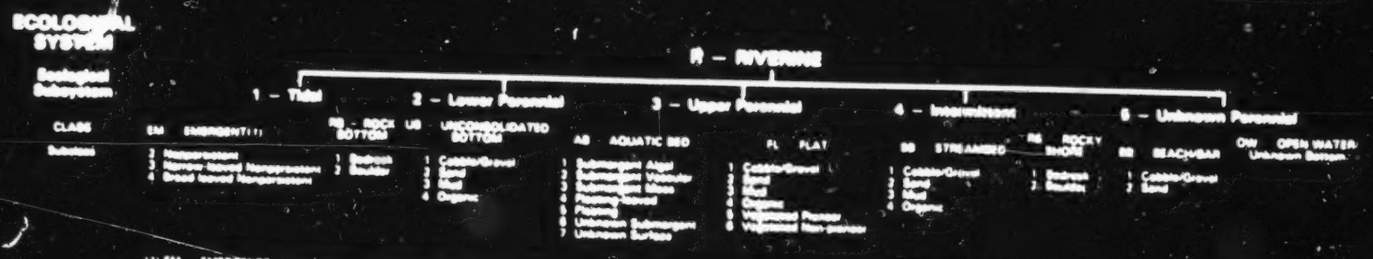
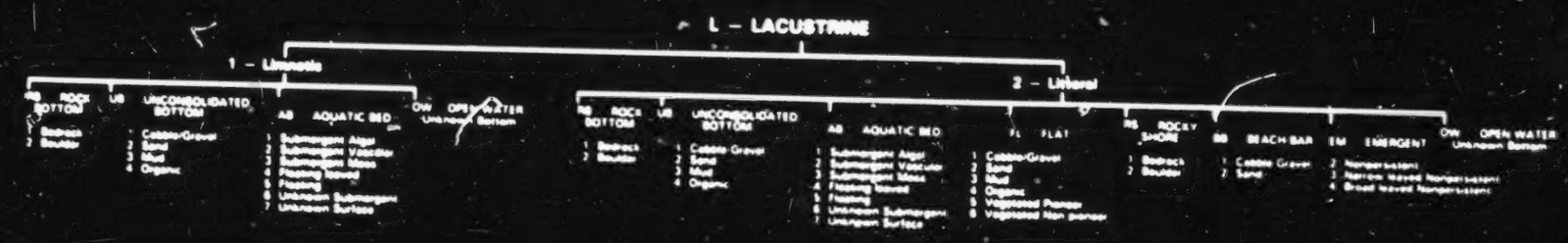
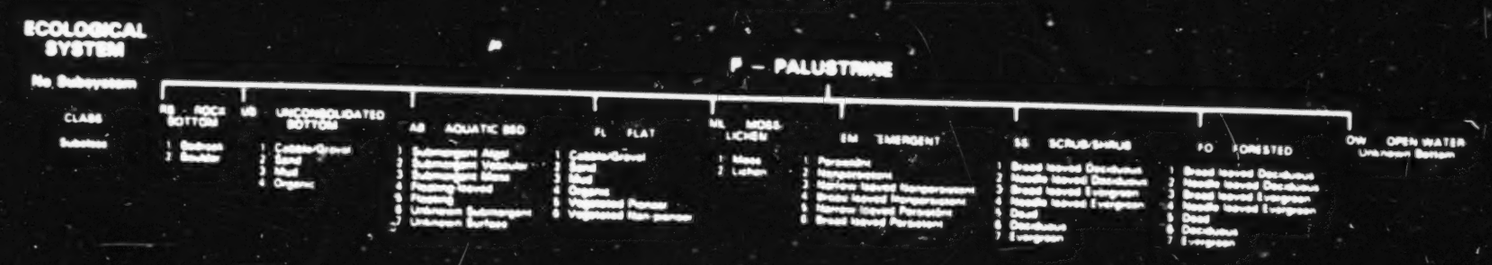






(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.





MODIFYING TERMS

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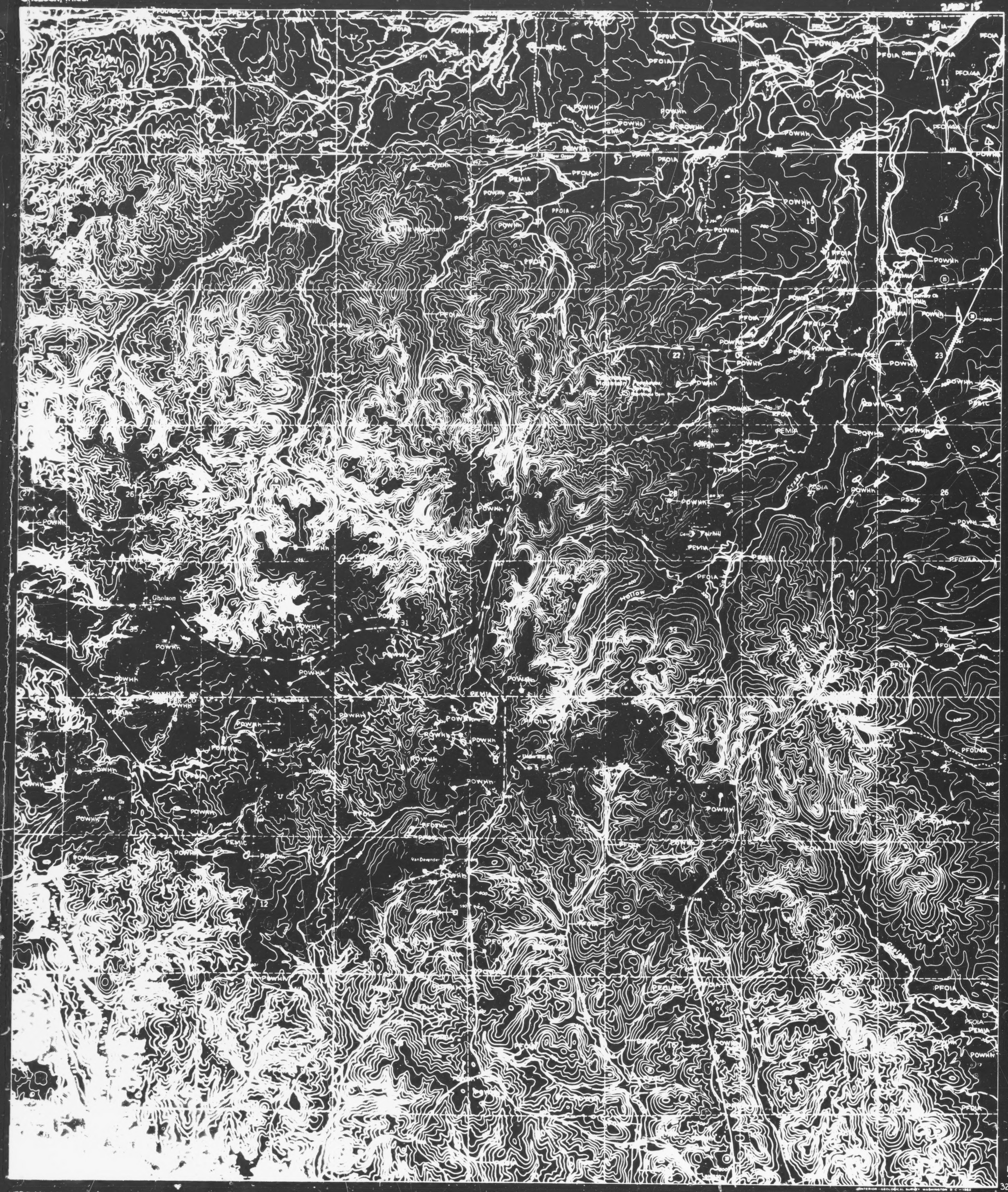
| WATER REGIME(1) | | |

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

GHOLSON, MISS.

2-NW-15



MERIDIAN NE
DE KALB

SCALE 1:24000

5

32°52'30"

88°37'30"

A/P 4/88

GHOLSON, MISS

WETLAND LEGEND

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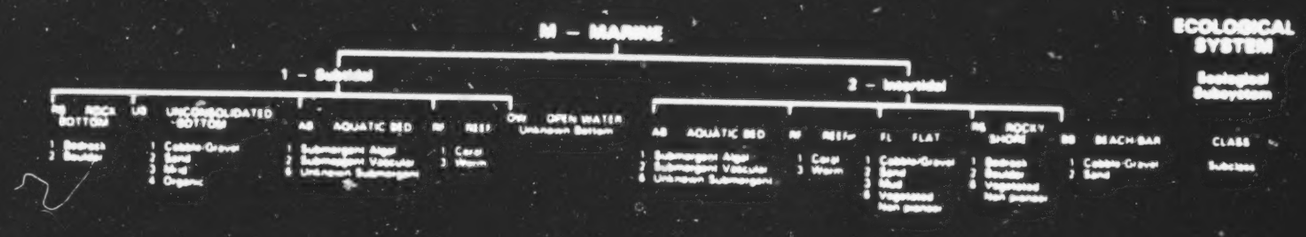

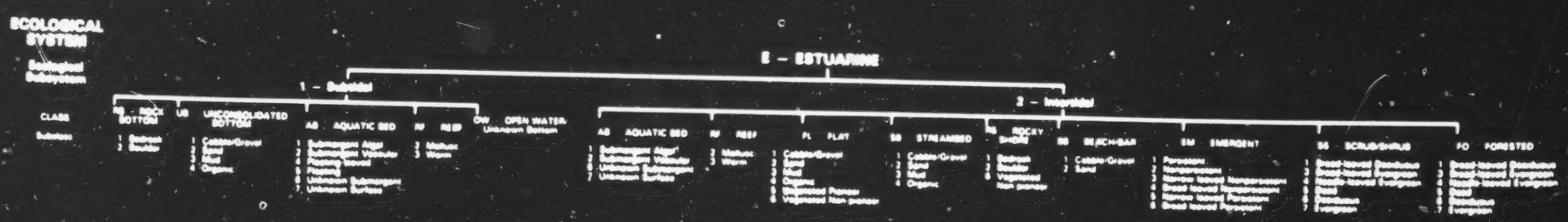

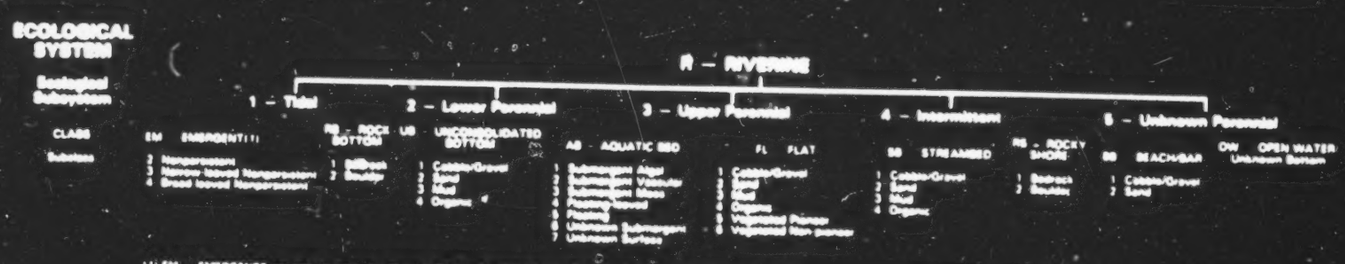

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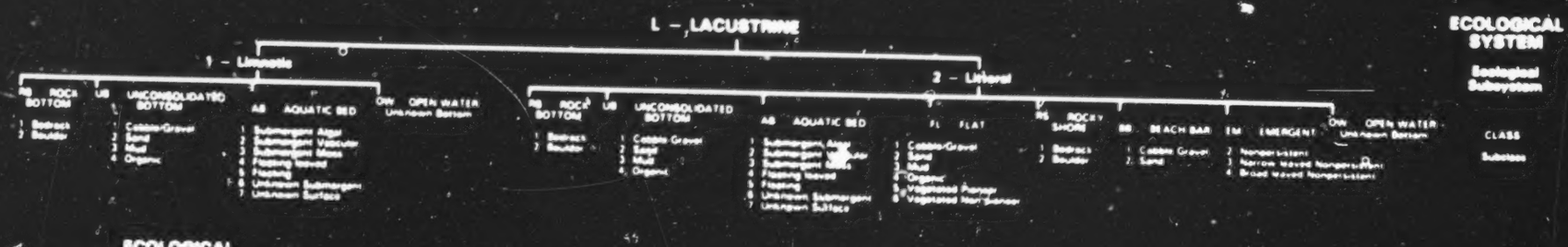

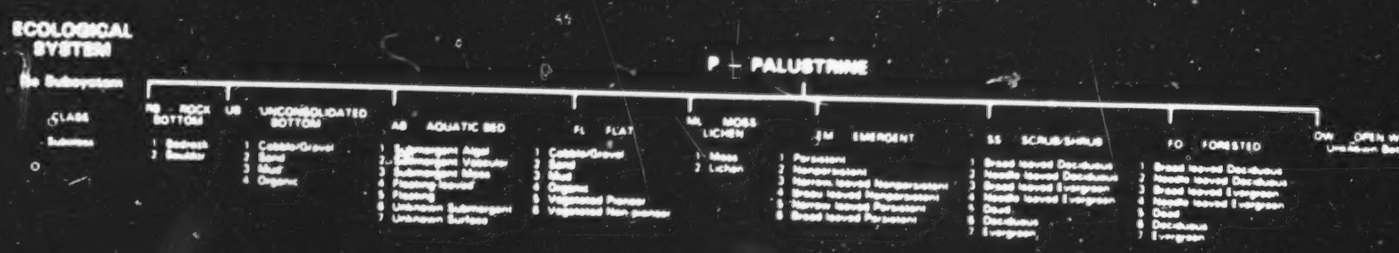

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WATER REGIMES(1)		WATER CHEMISTRY		SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity		
A Temporary	H Permanent	1 Hypersaline	7 Hypersaline	B Organic	b Beaver
B Saturated	J Intermittently Flooded	2 Eusaline	8 Eusaline	A Mineral	d Partially Drained/Ditched
C Seasonal	K Artificial	3 Mixosaline	9 Mixosaline		f Farmed
D Seasonal Well-drained	L Subtidal	4 Polysaline (Brackish)	0 Fresh		h Diked/Impounded
E Seasonal Saturated	M Irregularly Exposed	5 Polyhaline			r Artificial
F Semipermanent	N Regularly Exposed	6 Mesohaline			s Spoil
G Intermittently Exposed	P Irregular	0 Oligohaline			x Excavated
	R Seasonal Tidal	0 Fresh			
	S Temporary Tidal				
	T Semipermanent Tidal				
	V Permanent Tidal				
	U Unknown				

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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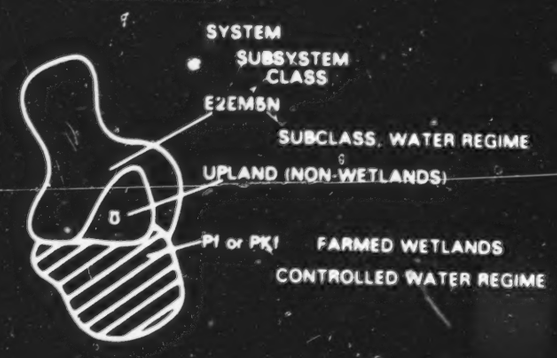
SYMBOLOGY EXAMPLE



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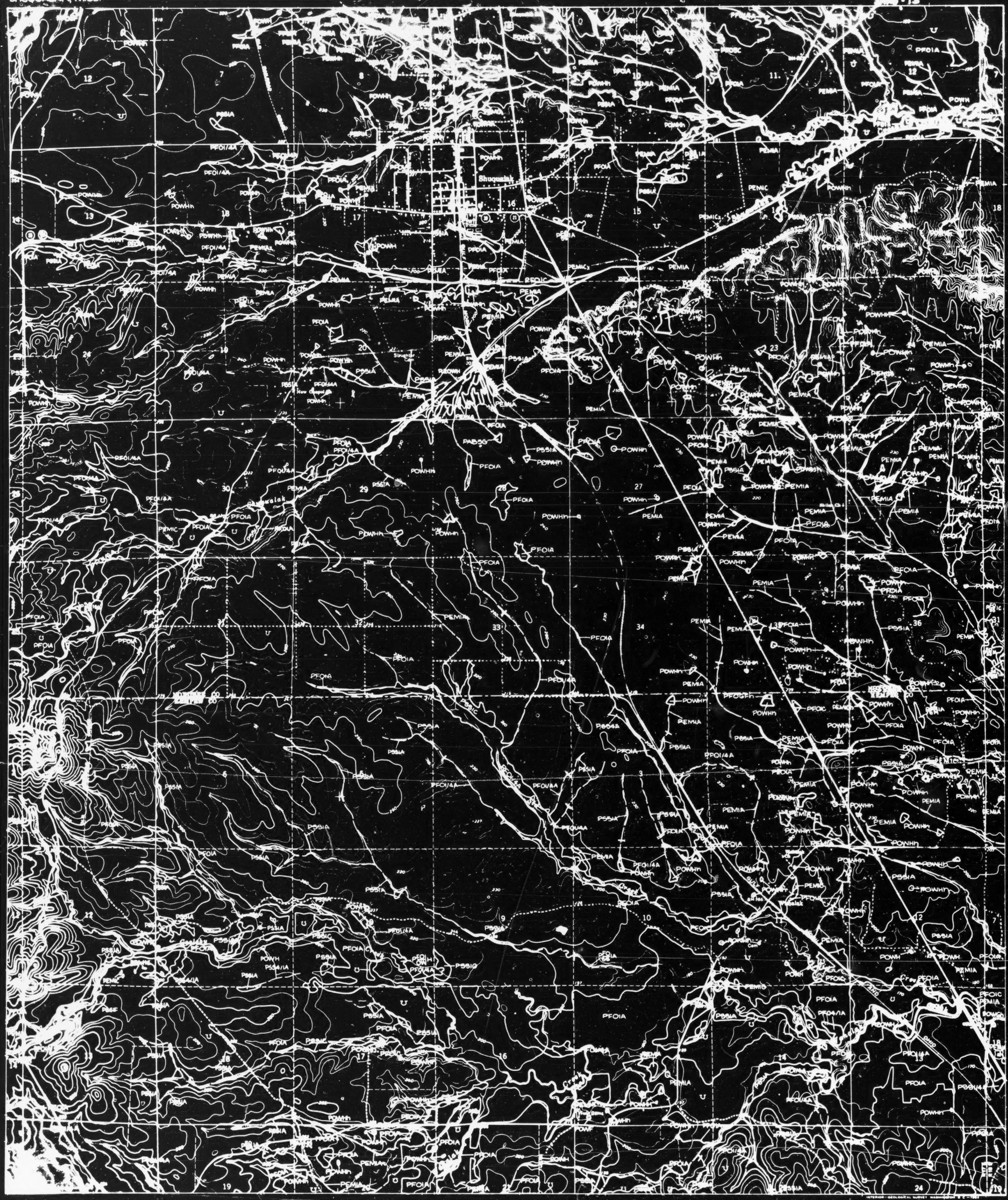
AF. 14084C-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

SHUQUALAK, MISS.

Map - 13



6

32°52'30"

88°30'

MERIDIAN NE

DE KALB

A/P 4/80

SHUQUALAK, MISS.

SCALE 1:24000

WETLAND LEGEND

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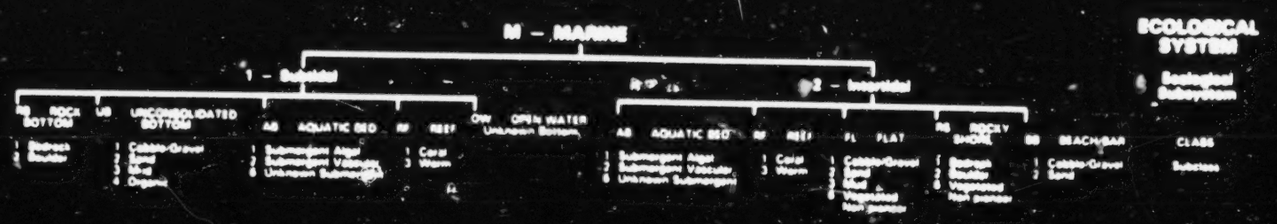

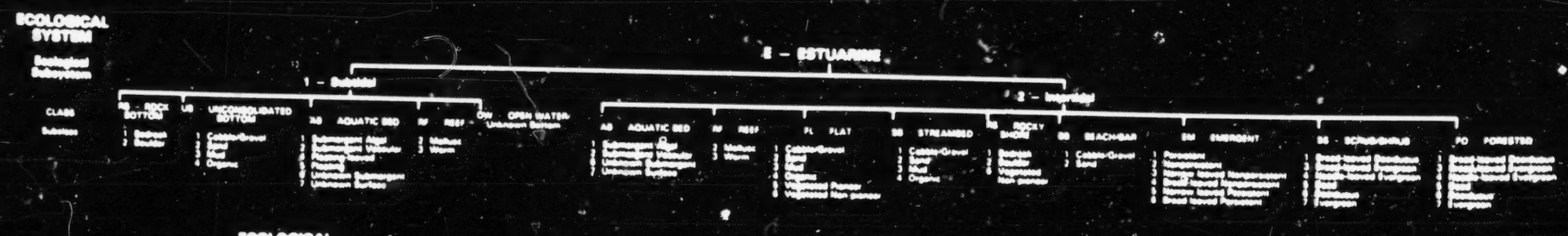

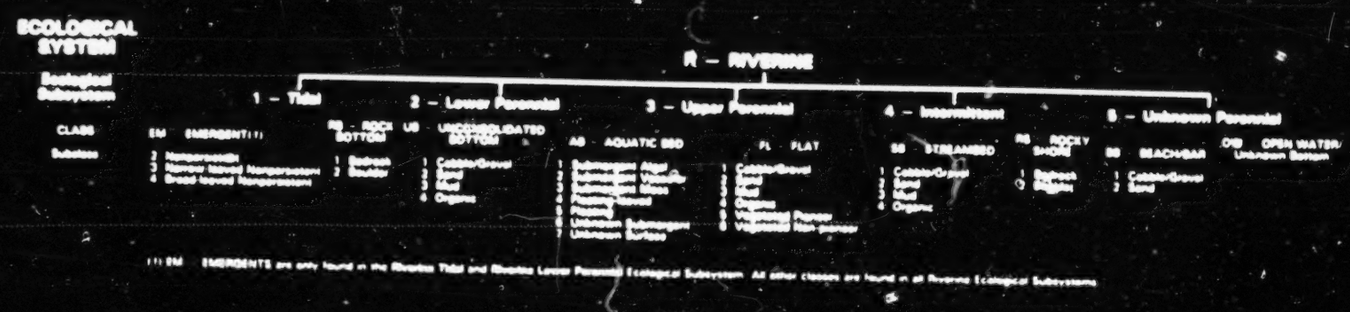

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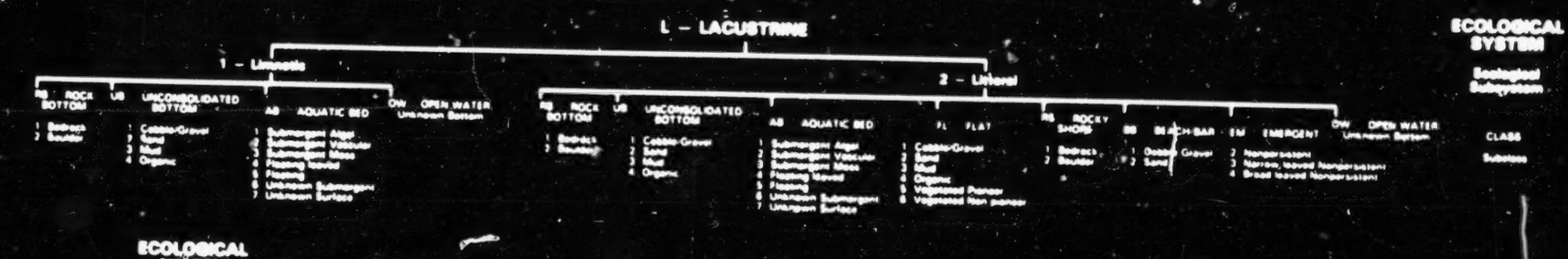

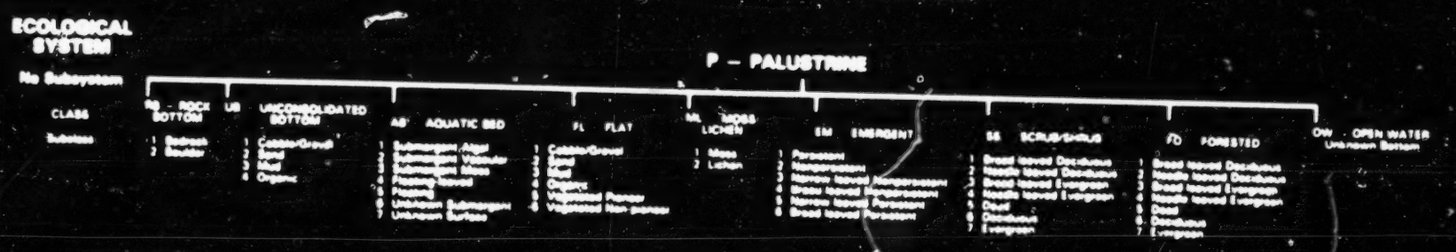

MODIFYING TERMS

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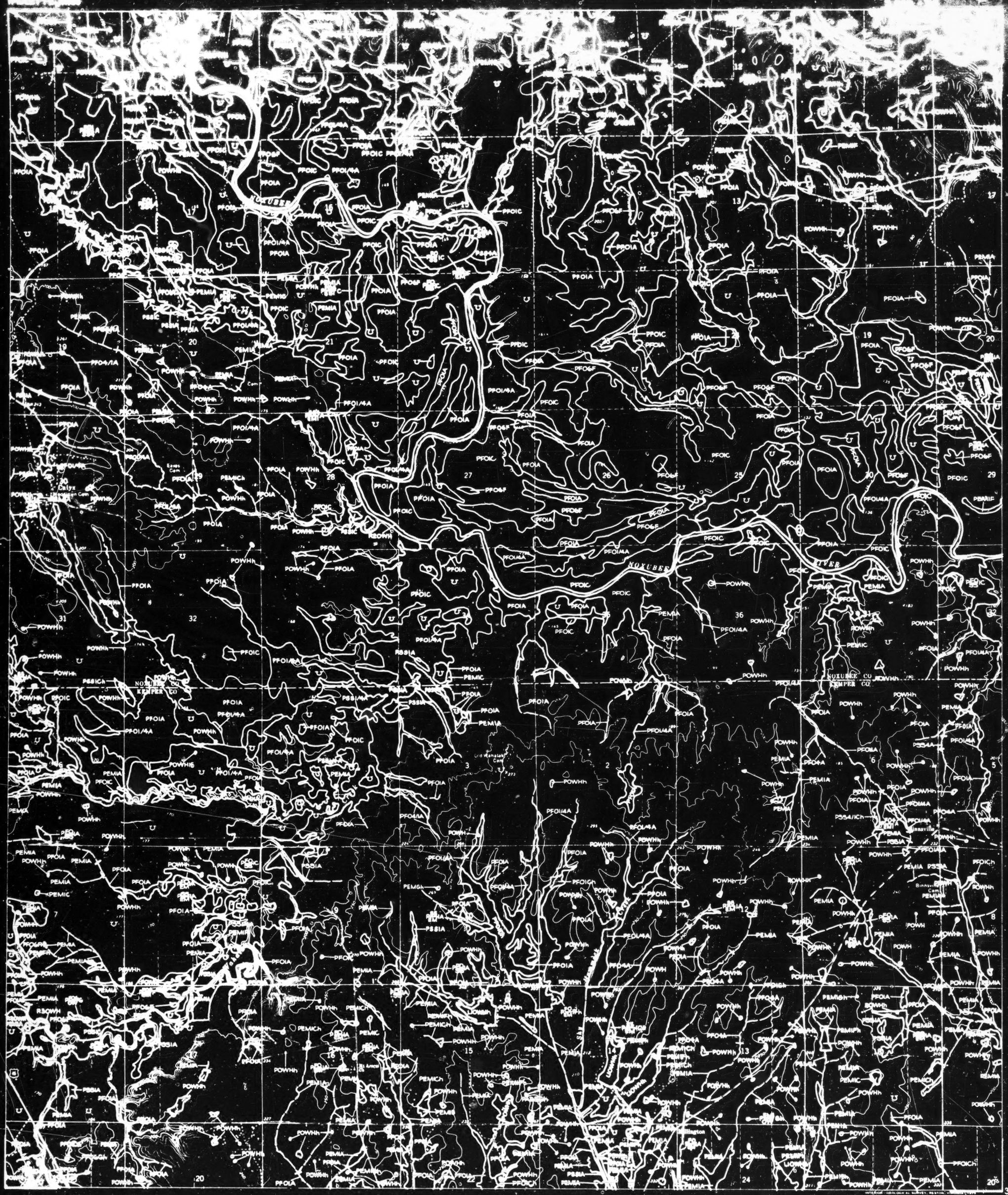
| WATER REGIME(1) | | |

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR


NOXUBEE
RIVER
NOXUBEE CO
KEMPER CO
Calyx Cem
Ezell Cem
Old Kenalady Cem
Binnsville Cem
Binnsville
Ellington
PEMIA
PEMIC
PEMIF
PEMIH
PEMIA/SSIA
PEMIA/SSIC
PEMIA/SSIH
PEMIA/SSIF
PEMIA/SSIA/ICh
PEMIA/SSIC/ICh
PEMIA/SSIH/ICh
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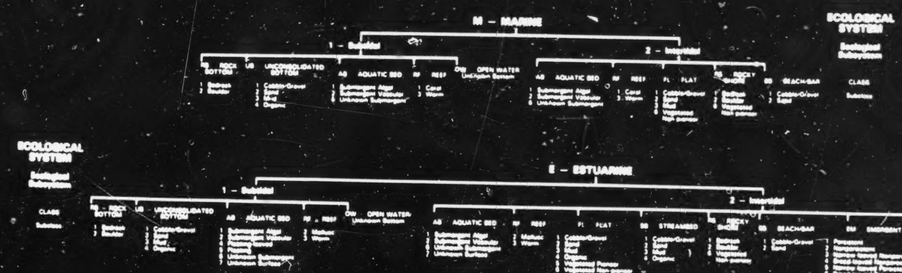

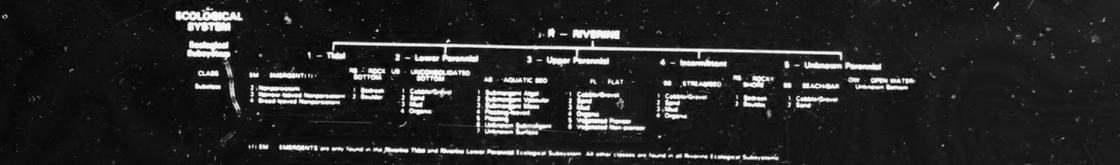

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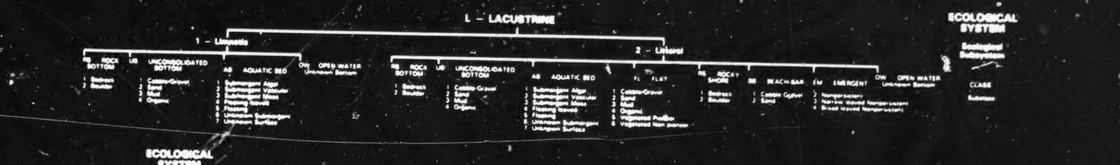

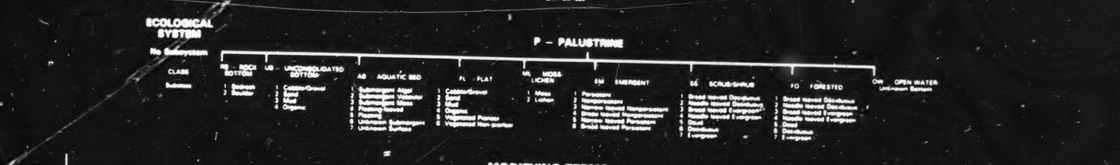

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Non-Tidal					Tidal					Coastal Salinity		Inland Salinity		pH Modifiers for all Fresh Water							
A Temporary	F Permanent		K Artificial		R Subtidal		S Substantially Tidal			1 Hyperhaline		1 Hypersaline		1 Acid		1 Organic	1 Diked/Impounded				
B Saturated	G Intermittently Flooded		L Subsurface		S Irregularly Exposed		T Temporary Tidal			2 Euhaline		2 Eusaline		2 Circumneutral		2 Mineral	2 Partially Drained/Ditched				
C Seasonal	H Artificial		M Intermittently Exposed		T Regularly		U Permanent Tidal			3 Mixohaline (Brackish)		3 Mixosaline		3 Alkaline			3 Farmed				
D Temporary-Well-drained	J Intermittently Flooded				U Irregularly		V Unknown			4 Polyhaline		4 Fresh									
E Seasonal-Saturated										5 Mesohaline											
F Semipermanently Flooded										6 Oligohaline											
G Intermittently Exposed										7 Fresh											
U Unknown																					

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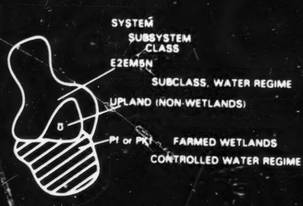

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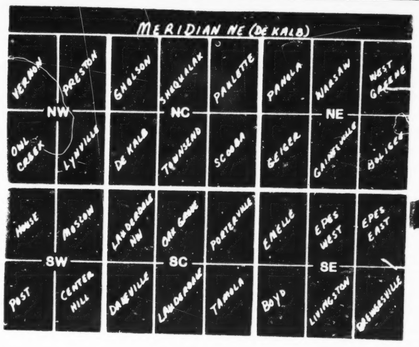
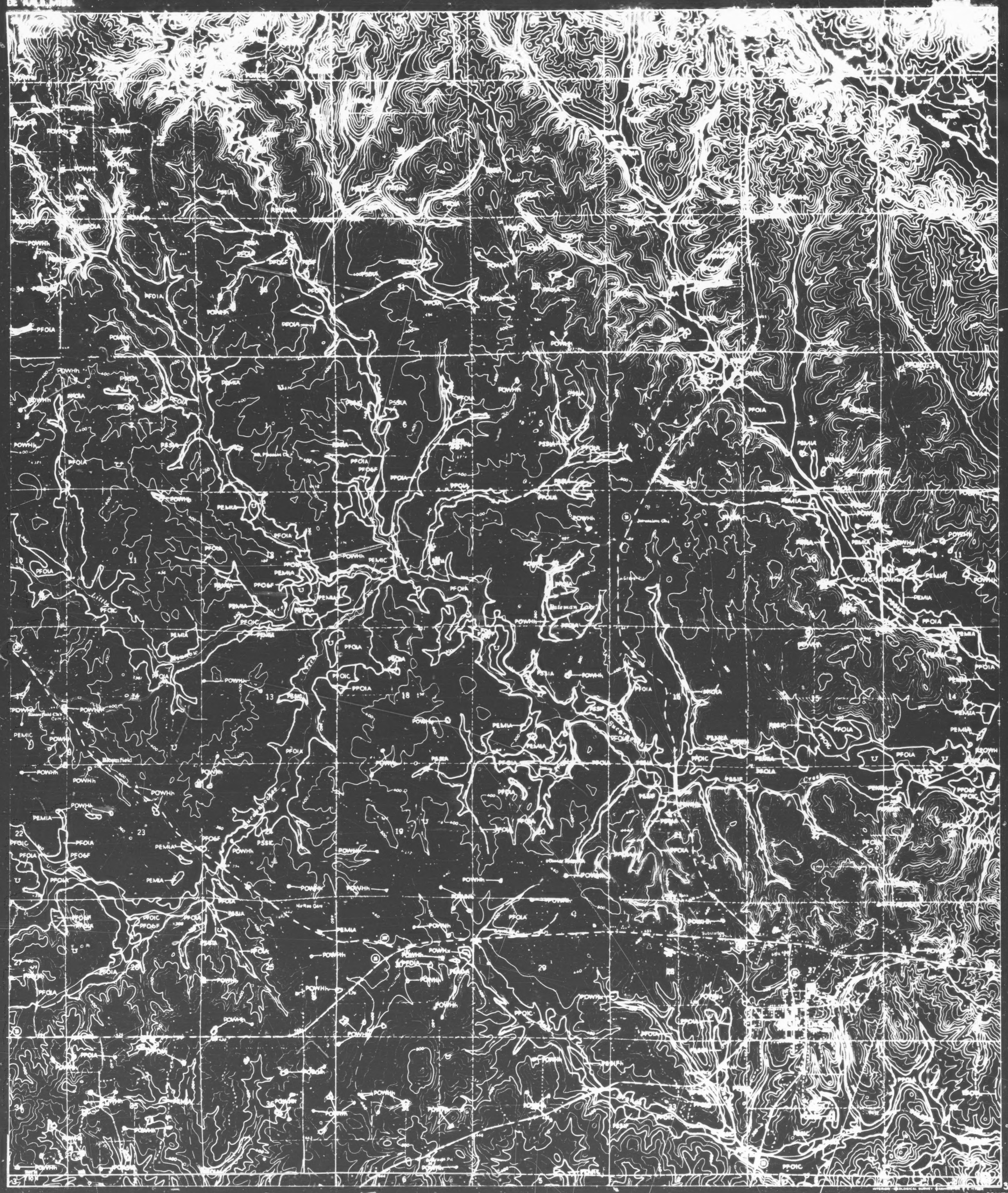


NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

DE KALB, MISS.



MERIDIAN NE
DE KALB

SCALE 1:24,000

32°45'
88°37'30"

A/P 4/80
DE KALB, MISS

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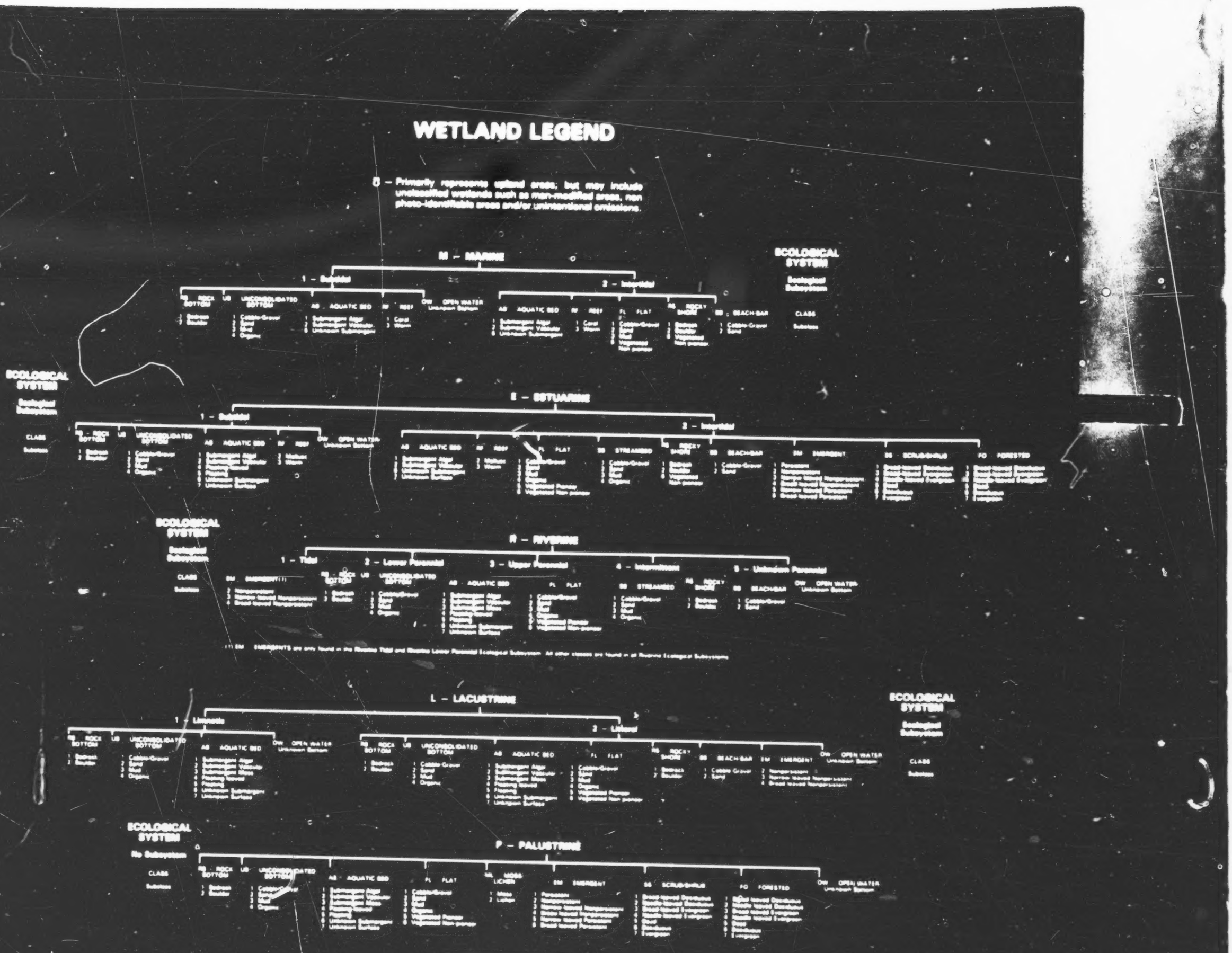

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WATER REGIMES(1)												WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS	
Non-Tidal				Tidal								Chemical Modifiers		pH Modifiers for all Fresh Water			
A Permanently	F Permanently Flooded			G Regularly				H Permanently				5 Hypersaline	8 Sulfic	7 Acid	1 Organic	2 Mucky Mineral	6 Eutrophic
B Semipermanently	G Intermittently Flooded			H Irregularly				J Irregularly				6 Eusaline	9 Aluminum	8 Circumneutral	2 Mineral	3 Partially Drained/Ditched	7 Dystrophic
C Seasonally	H Artificially Flooded			J Irregularly Exposed				K Artificially				7 Mixosaline	0 Peat	9 Alkaline		4 Farmed	8 Marl
D Intermittently Exposed	J Intermittently Flooded/Drained			K Artificially				Z Unknown				8 Metasaline					9 Diked/Impounded
E Artificially	K Artificially			Z Unknown								9 Hypersaline					
Z Unknown	Z Unknown											0 Peat					

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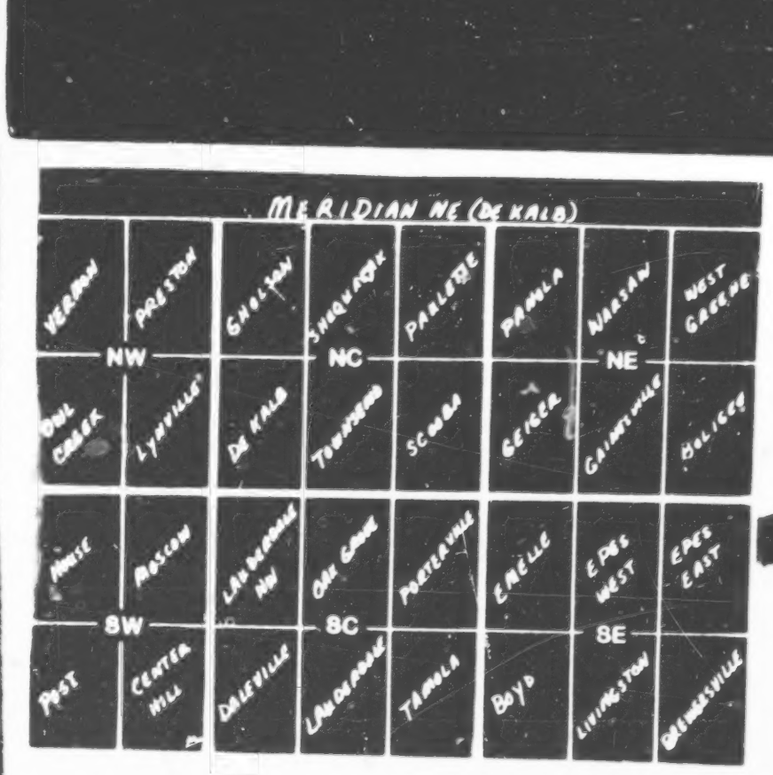
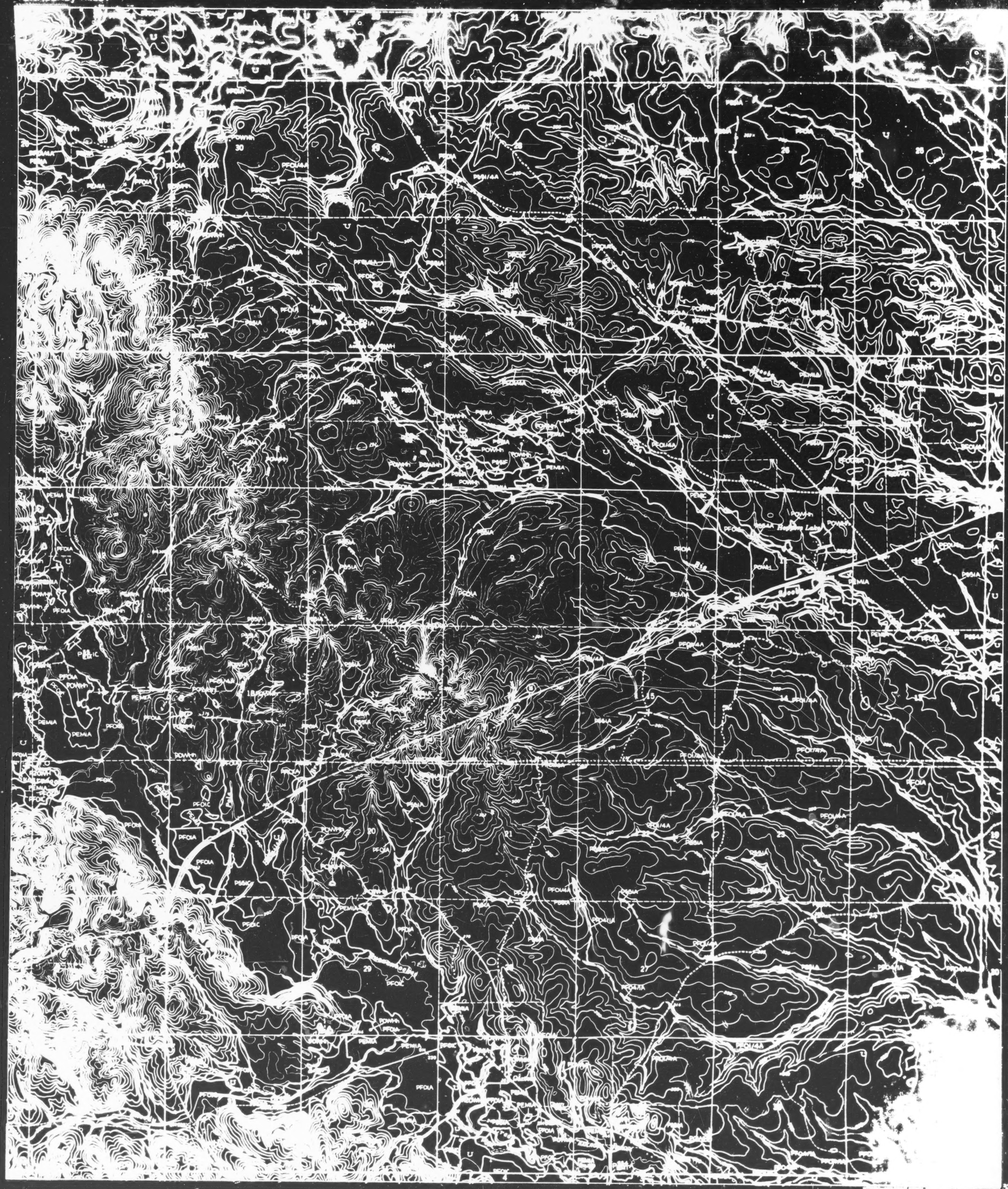


MATERIAL YELLOWED, WRINKLED

TOWNSEND, MISS.



MERIDIAN NE
DE KALB

SCALE 1:24000

1/2 4/30 88°30'
32°45'

TOWNSEND, MISS.

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M – MARINE

1 – Subtidal

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating; Unknown Submergent; Unknown Surface
RF REEF: Coral; Worm
OW OPEN WATER: Unknown Bottom

2 – Intertidal

AB AQUATIC BED: Submergent Algal; Submergent Vascular; Unknown Submergent
RF REEF: Coral; Worm
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non pioneer
RS ROCKY SHORE: Bedrock; Boulder; Vegetated; Non pioneer
BB BEACH/BAR: Cobble-Gravel; Sand

ECOLOGICAL SYSTEM: Subsystem
CLASS: Subclass

E – ESTUARINE

1 – Subtidal

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating; Unknown Submergent; Unknown Surface
OW OPEN WATER: Unknown Bottom

2 – Intertidal

AB AQUATIC BED: Submergent Algal; Submergent Vascular; Unknown Submergent; Unknown Surface
RF REEF: Worm
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non pioneer
BB STREAMBED: Cobble-Gravel; Sand; Mud; Organic
RS ROCKY SHORE: Bedrock; Boulder
BB BEACH/BAR: Cobble-Gravel; Sand
EM EMERGENT: Persistent; Nonpersistent; Narrow Leaved Nonpersistent; Broad Leaved Nonpersistent
SS SCRUB/SHRUB: Broad Leaved Deciduous; Needle Leaved Deciduous; Broad Leaved Evergreen; Needle Leaved Evergreen; Dead; Deciduous; Evergreen
FO FORESTED: Broad Leaved Deciduous; Needle Leaved Deciduous; Broad Leaved Evergreen; Needle Leaved Evergreen; Dead; Deciduous; Evergreen

ECOLOGICAL SYSTEM: Subsystem
CLASS: Subclass

R – RIVERINE

1 – Tidal
2 – Lower Perennial
3 – Upper Perennial
4 – Intermittent
5 – Unknown Perennial

EM EMERGENT(1): Nonpersistent; Narrow Leaved Nonpersistent; Broad Leaved Nonpersistent
RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating; Unknown Submergent; Unknown Surface
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non pioneer
BB STREAMBED: Cobble-Gravel; Sand; Mud; Organic
RS ROCKY SHORE: Bedrock; Boulder
BB BEACH/BAR: Cobble-Gravel; Sand
OW OPEN WATER: Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating; Unknown Submergent; Unknown Surface
OW OPEN WATER: Unknown Bottom

2 – Littoral

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating; Unknown Submergent; Unknown Surface
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non pioneer
RS ROCKY SHORE: Bedrock; Boulder
BB BEACH/BAR: Cobble-Gravel; Sand
EM EMERGENT: Nonpersistent; Narrow Leaved Nonpersistent; Broad Leaved Nonpersistent
OW OPEN WATER: Unknown Bottom

ECOLOGICAL SYSTEM: Subsystem
CLASS: Subclass

P – PALUSTRINE

No Subsystem

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating; Unknown Submergent; Unknown Surface
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non pioneer
MB MOSS-LICHEN: Moss; Lichen
EM EMERGENT: Persistent; Nonpersistent; Narrow Leaved Nonpersistent; Broad Leaved Nonpersistent; Dead; Deciduous; Evergreen
SS SCRUB/SHRUB: Broad Leaved Deciduous; Needle Leaved Deciduous; Broad Leaved Evergreen; Needle Leaved Evergreen; Dead; Deciduous; Evergreen
FO FORESTED: Broad Leaved Deciduous; Needle Leaved Deciduous; Broad Leaved Evergreen; Needle Leaved Evergreen; Dead; Deciduous; Evergreen
OW OPEN WATER: Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)						WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS	
Non-Tidal		Tidal				Coastal Salinity	Inland Salinity	All Modifiers for all Fresh Water			
A Temporary	C Saturated	F Irregularly Exposed	S Subtidal	V Permanent Tidal		1 Hypersaline	5 Hypersaline	1 Alkaline	1 Organic	b Beaver	f Diked/Impounded
B Seasonal	D Artificially Flooded	G Regularly Exposed	T Irregularly Exposed	W Seasonal Tidal		2 Eusaline	6 Eusaline	2 Calcareous	2 Mineral	h Partially Drained/Ditched	r Farmed
C Saturated	E Intermittently Exposed	H Irregularly Flooded	U Regularly Exposed	X Temporary Tidal		3 Mixosaline	7 Mixosaline	3 Acid			s Artificial
D Artificially Flooded	F Permanent			Y Intermittent Tidal		4 Mixohaline, Brackish	8 Mixohaline, Subsaline	4 Circumneutral			x Excavated
E Intermittently Exposed	G Intermittently Exposed/Permanent			Z Permanent Tidal		5 Polyhaline	9 Fresh	5 Alkaline			
H Permanently Flooded	H Permanently Flooded/Intermittently Exposed					6 Euhaline					
J Intermittently Exposed/Permanent	U Unknown					7 Hyperhaline					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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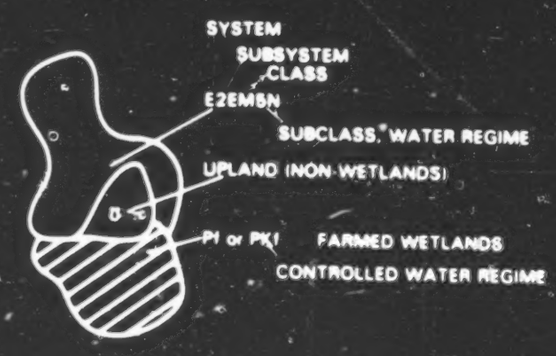
SYMBOLOGY EXAMPLE



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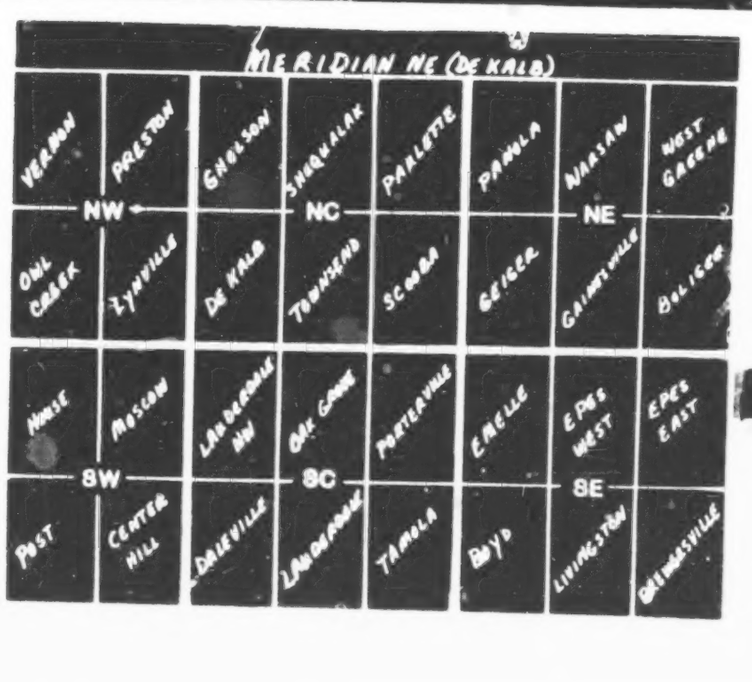


SCOOBA, MISS.

MERIDIAN NE
DE KALB

SCALE 1:24000

10

32°45'

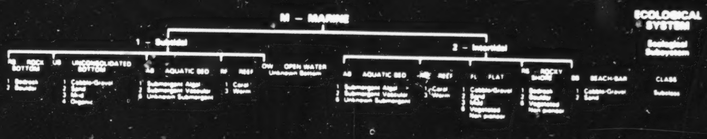
88°22'30"

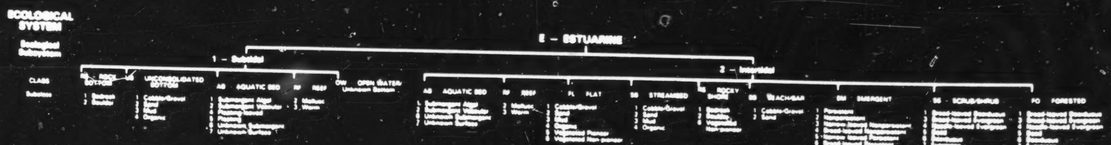
A/P 4/50

SCOOBA, MISS

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non-photo-interpretable areas and/or unintentional omissions.





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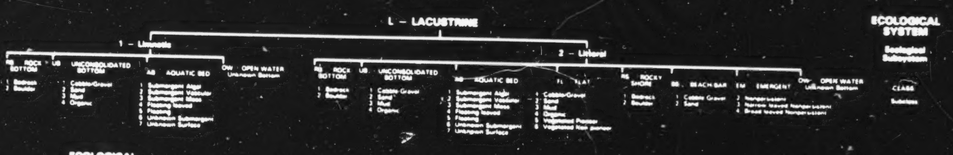

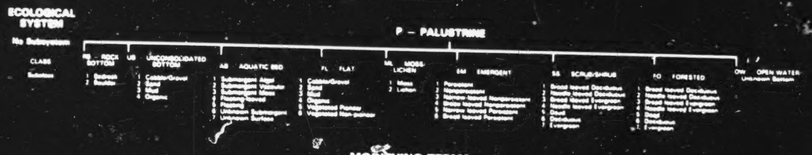

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WATER REGIMES(1)				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal		Tidal		Coastal Salinity	Inland Salinity	pH Modifiers for Fresh Water		
A Temporary B Saturated C Seasonal D Seasonal/Saturated E Semipermanent F Intermittently Exposed	G Permanent H Intermittently Flooded J Artificially Flooded K Artificial Z Unknown	V Subtidal P Irregularly Exposed R Regular T Irregularly Flooded U Unknown		5 Hypersaline 6 Euhaline 7 Mixohaline (Brackish) 8 Polyhaline 9 Fresh	1 Hypersaline 2 Euhaline 3 Mixohaline 4 Fresh	A Acid C Circumneutral B Alkaline	1 Organic 2 Mineral	b Beaver d Partially Drained/Ditched f Farmed h Diked/Impounded m Artificial r Artificial x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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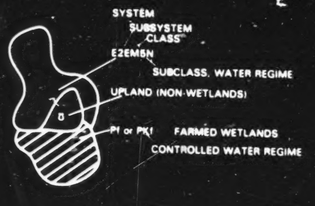

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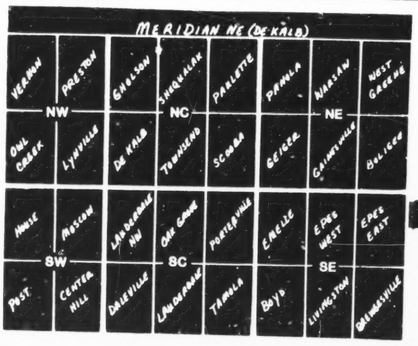

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

PANOLA, ALA-MISS.

32-17

MERIDIAN NE
DE KALB

SCALE 1:24000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

11

32° 52' 30"

88° 15'

A/P 4/80

PANOLA, ALA-MISS.

WETLAND LEGEND

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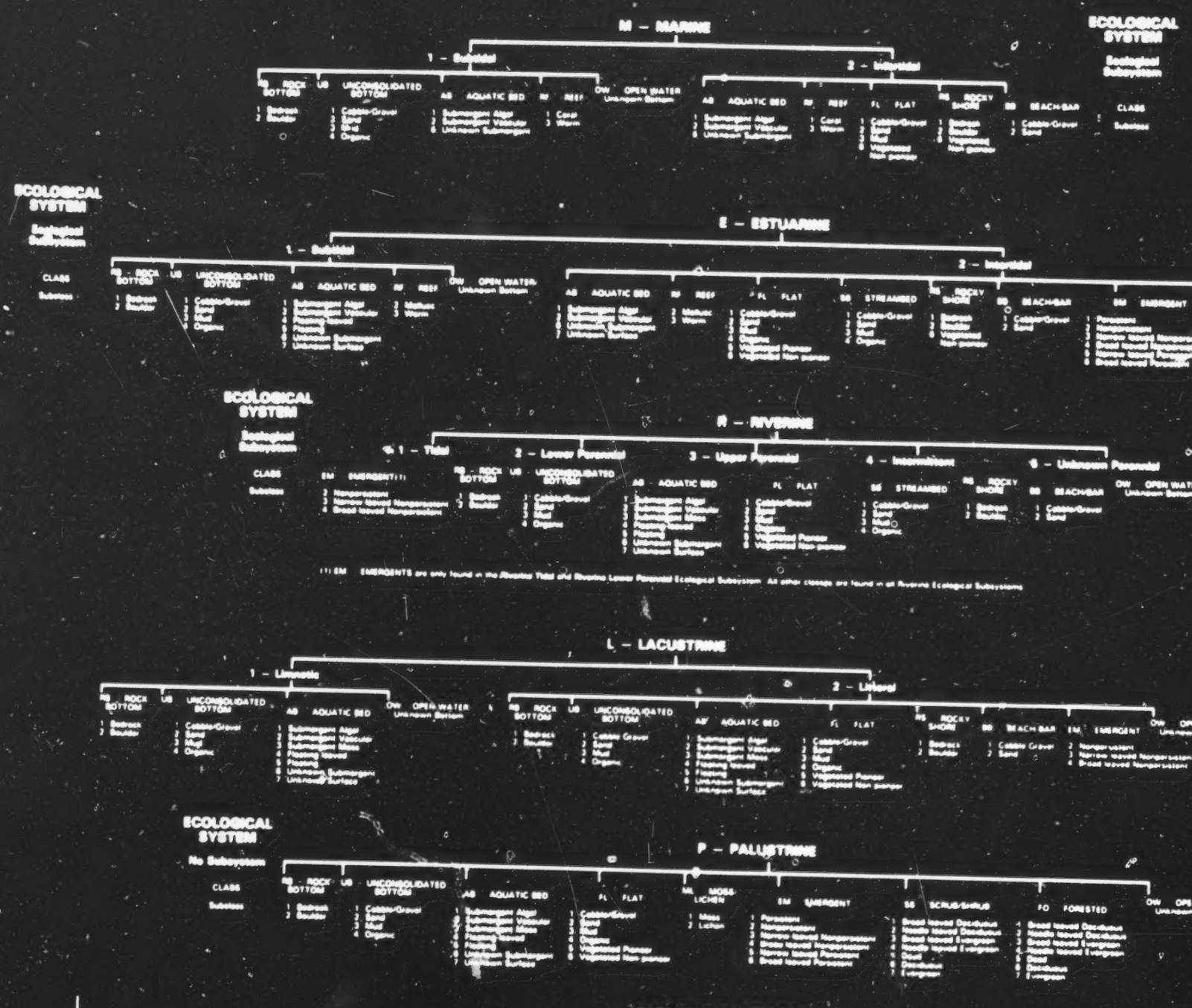

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WATER REGIME(1)										WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS	
Non-Tidal			Tidal							Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water			
A Temporary	H Permanent		K Artificial		R Seasonal Tidal					1 Hypersaline	7 Hypersaline	9 Acid	b Organic	b Diked/Impounded	
B Saturated	J Intermittently Flooded		L Intermittently Exposed		T Temporary Tidal					2 Eusaline	8 Eusaline	1 Circumneutral	m Mineral	h Partially Drained/Ditched	
C Seasonal	K Artificial		M Subtidal		V Permanent Tidal					3 Mixohaline (Brackish)	9 Mixosaline	2 Alkaline		f Farmed	
E Seasonal Well-drained	N Subtidal/Permanent		P Irregular		U Unknown					4 Polyhaline	0 Fresh			r Artificial	
F Semipermanent	P Permanently Flooded/Temporary		W Temporary/Intermittent/Artificial							5 Euhaline				x Excavated	
G Intermittent	U Unknown									6 Hyperhaline					
H Permanently Exposed										0 Fresh					

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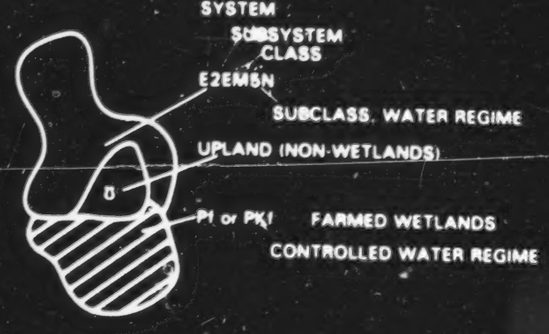
SYMBOLOGY EXAMPLE



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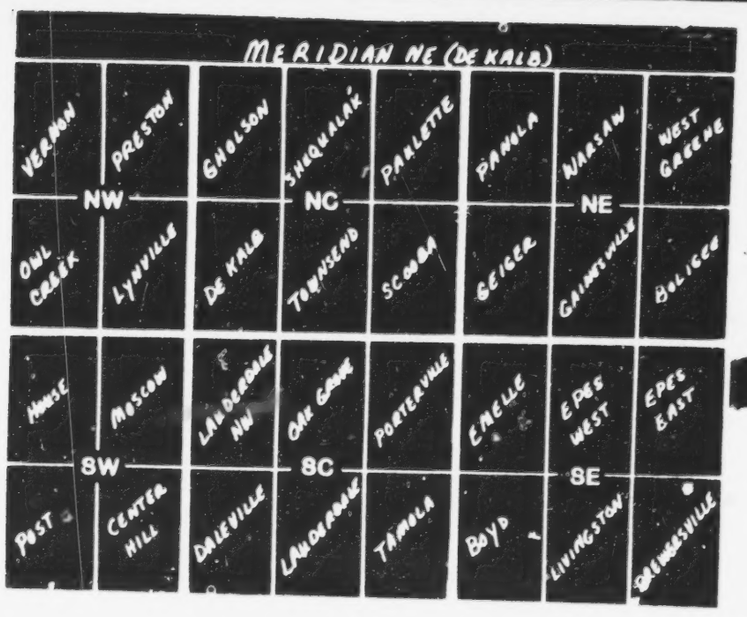
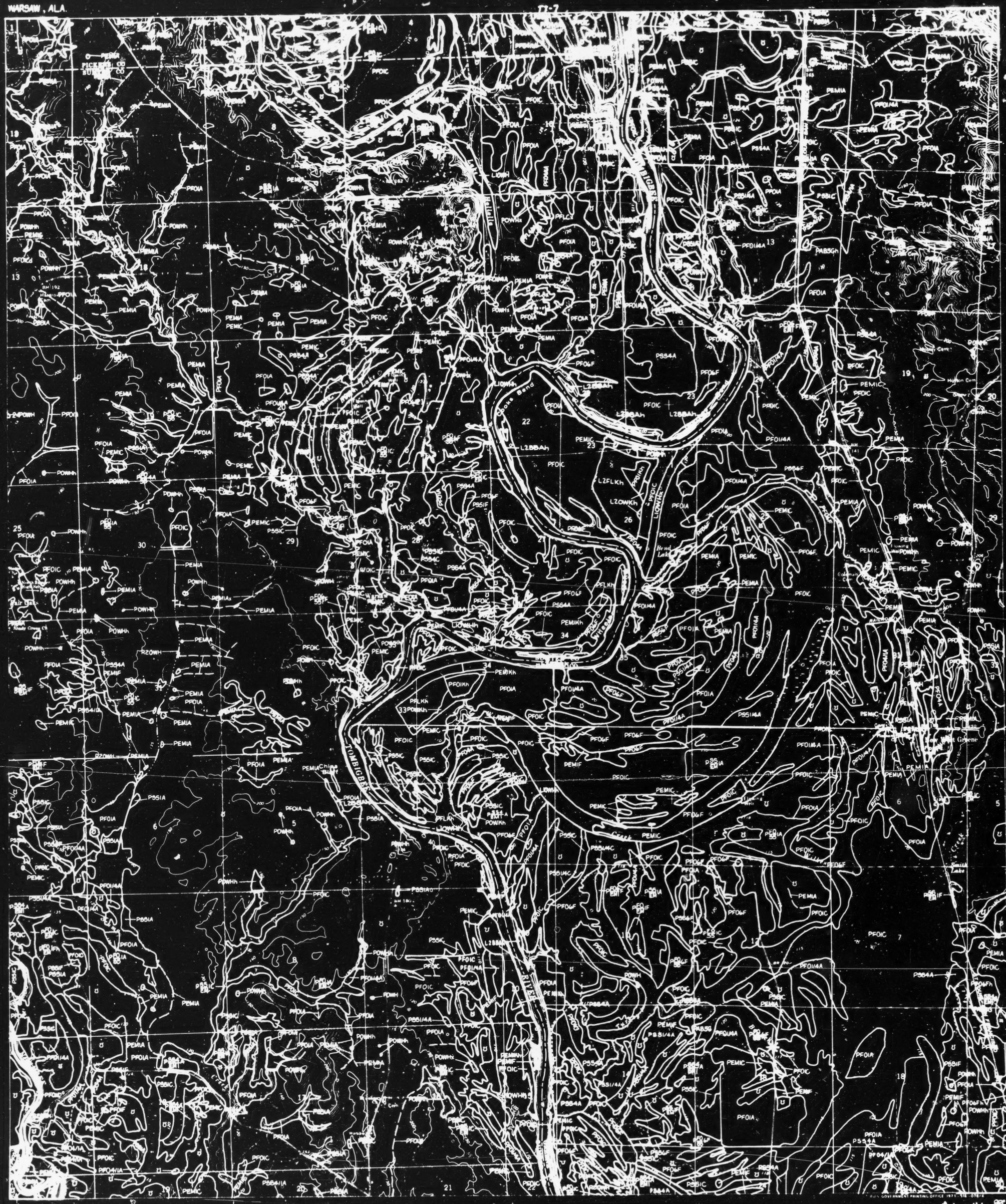


4364C-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

WARSAW, ALA.



MERIDIAN NE
DE KALB

SCALE 1:24 000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 MILE

1 KILOMETER

12

32° 52' 30"

88° 07' 30"

A/P 4/80

WARSAW, ALA.

WETLAND LEGEND

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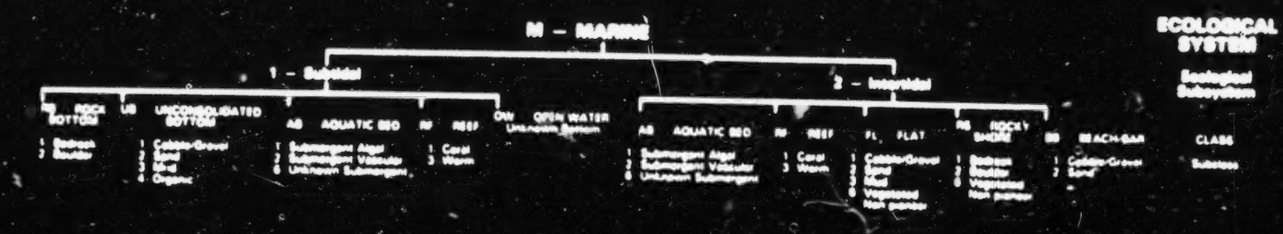

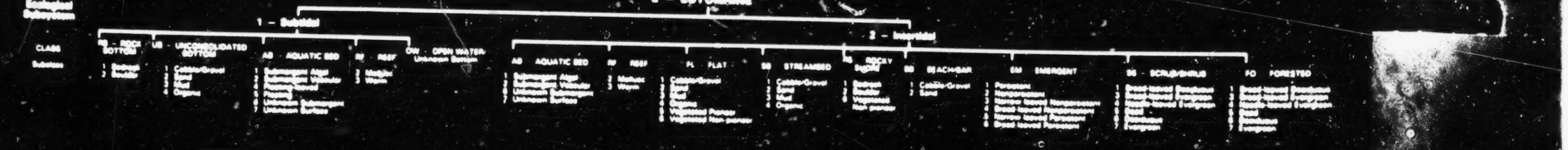

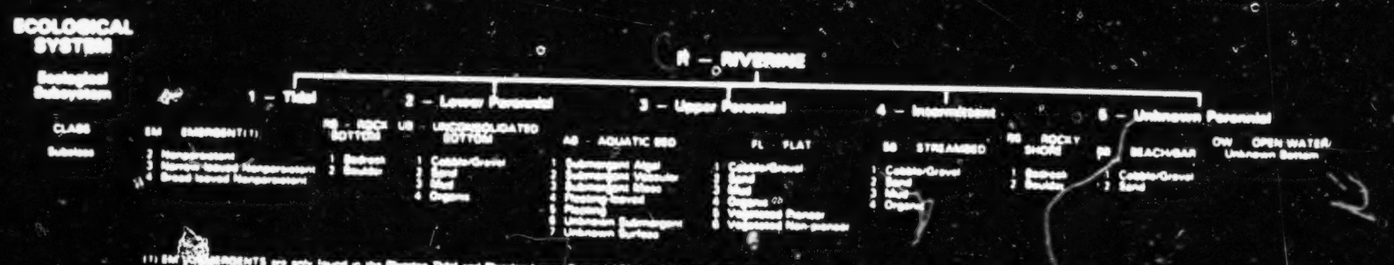

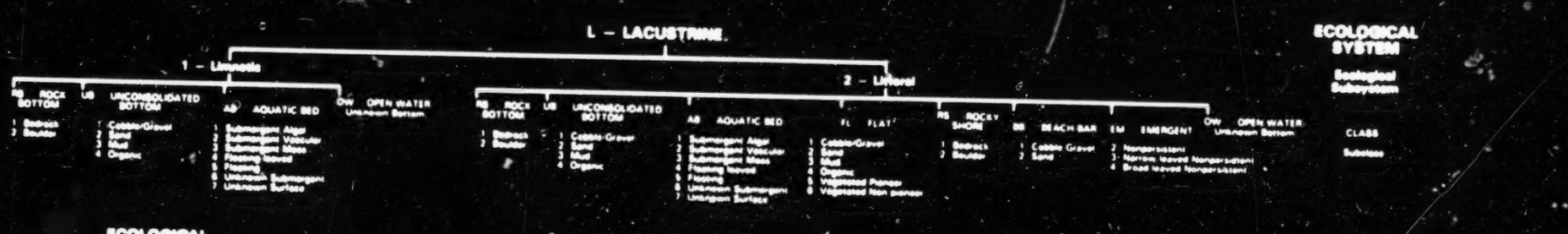

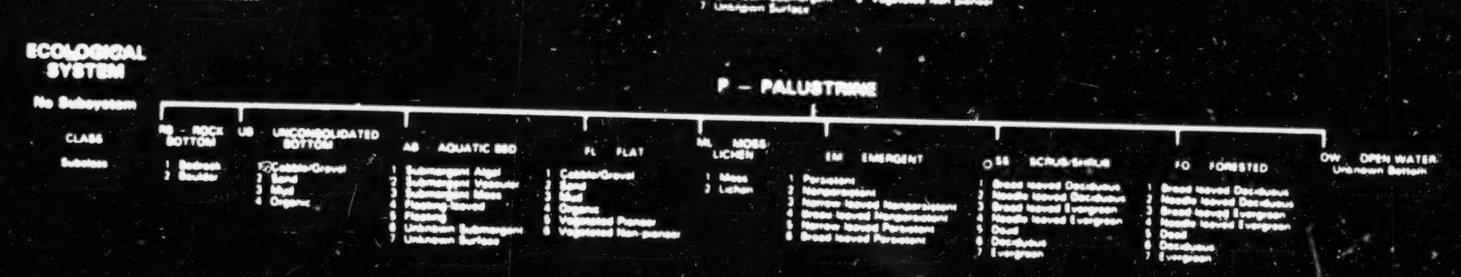

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B Seasonal	G Intermittently Exposed									2 Euhaline	7 Hypersaline	9 Circumneutral		6 Mineral	2 Partly Drained/Ditched	5 Artificial
C Saturated										3 Mixohaline (Brackish)	8 Euhaline	0 Alkaline			3 Farmed	6 Spoil
D Artificially Flooded										4 Polyhaline	9 Mixohaline					7 Excavated
E Intermittently Exposed										0 Oligohaline	0 Fresh					
										Fresh						

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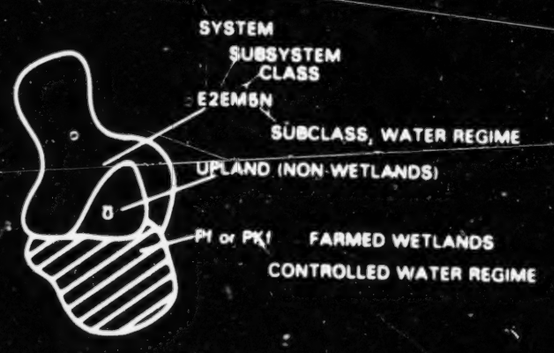

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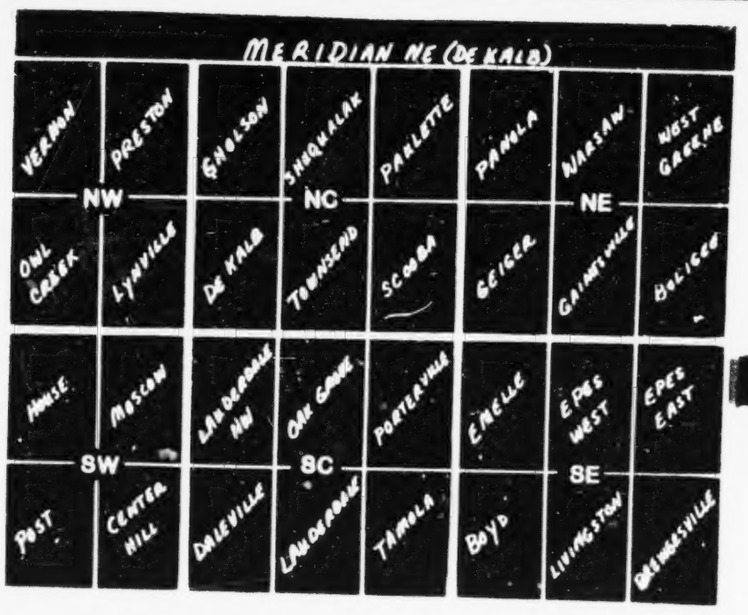

AP 1408NE-O

MERIDIAN NE
DE KALB

SCALE 1:24000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

KILOMETER

13

32°52'30"
88°00'

A/P 4/80
WEST GREENE, ALA

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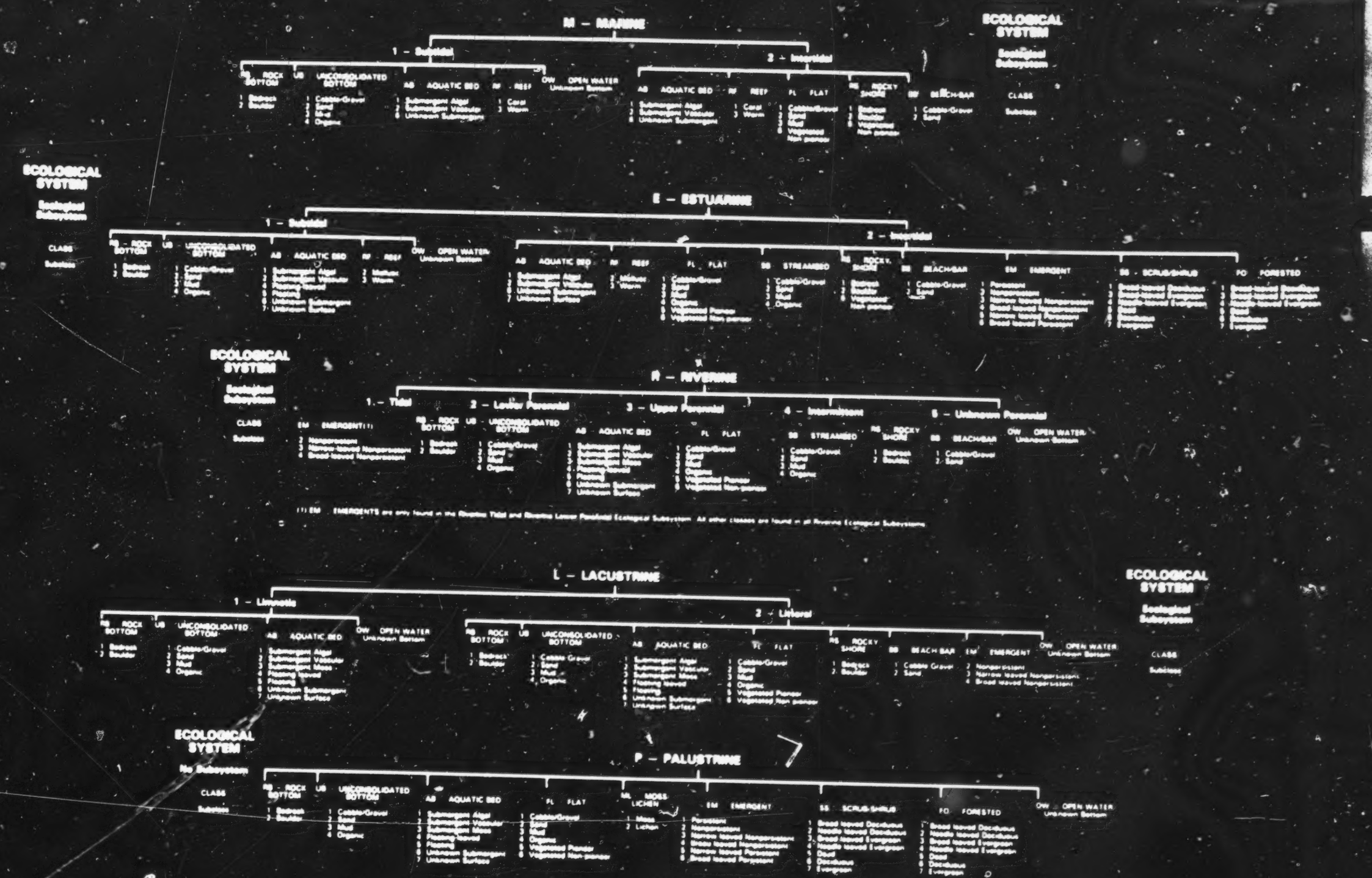

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Non-Tidal		Tidal				General Salinity	Water Salinity	pH Modifiers for all Fresh Water			
A Temporary	H Permanent		R Artificial	V Seasonal Tidal		1 Hypersaline	1 Hyperhaline	6 Acid		1 Organic	1 Diked/Impounded
B Saturated	J Intermittently Flooded		S Subtidal	W Temporary Tidal		2 Eusaline	2 Euhaline	7 Circumneutral		2 Mineral	2 Artificial
C Seasonal	K Artificial		T Irregularly Exposed	X Semipermanent Tidal		3 Mixosaline	3 Mixohaline	8 Alkaline			3 Spoil
D Nontidal Saturated			U Irregularly Flooded	Y Permanent Tidal		4 Polysaline	4 Polyhaline				4 Excavated
E Seasonal Saturated				Z Unknown		5 Mesosaline	5 Mesohaline				
F Semipermanently Flooded						6 Oligosaline	6 Oligohaline				
G Intermittently Exposed						7 Fresh	7 Fresh				

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SYMBOLOGY EXAMPLE

SYSTEM
SUBSYSTEM
CLASS
E2EM6N
SUBCLASS, WATER REGIME
UPLAND (NON-WETLANDS)
Pf or Pk FARMED WETLANDS
CONTROLLED WATER REGIME

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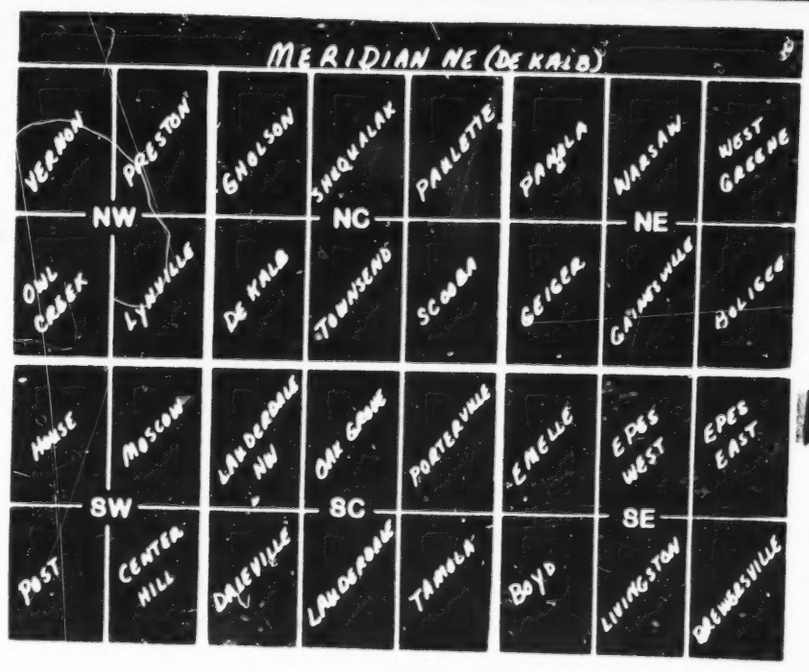
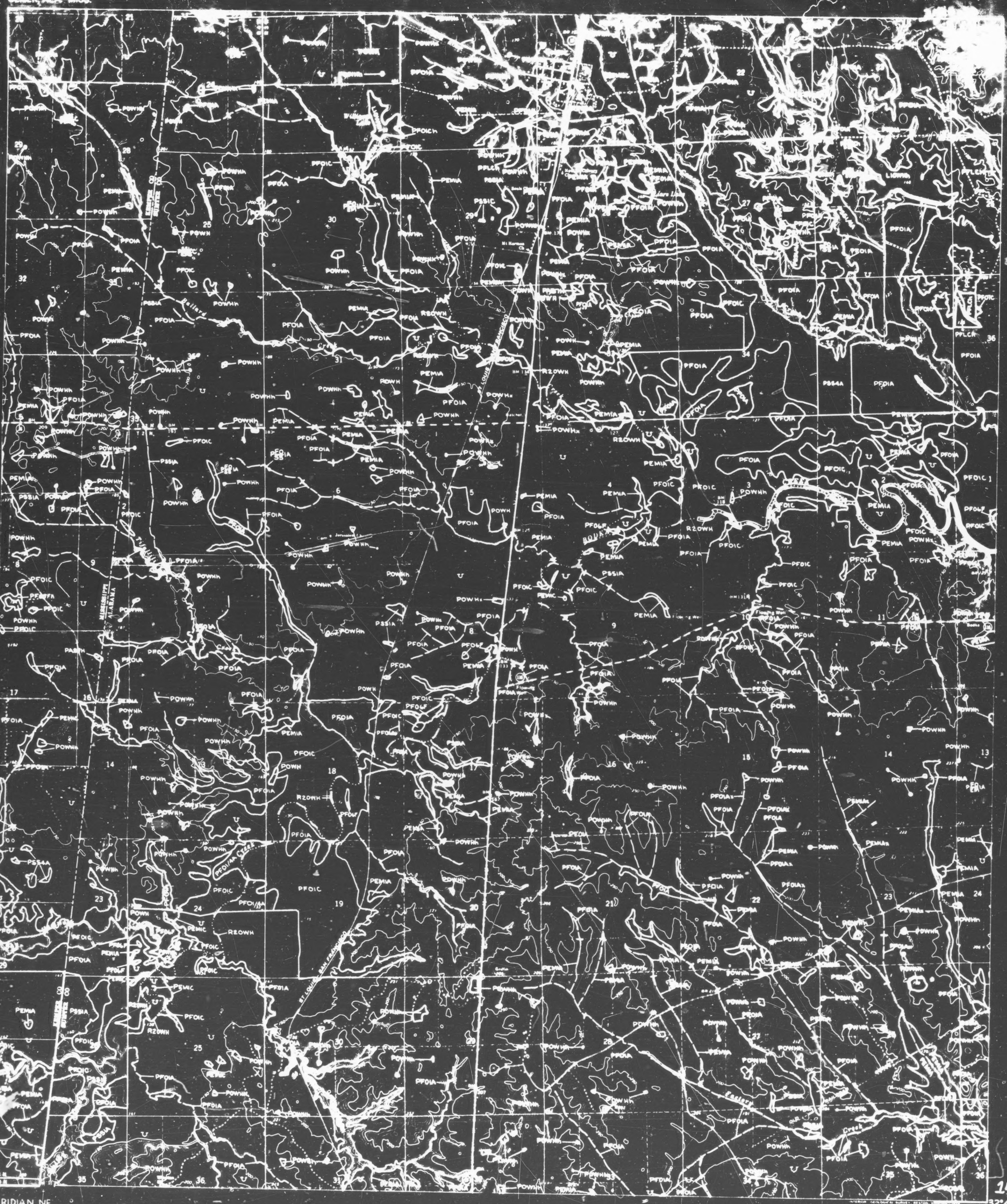


NATIONAL WETLANDS INVENTORY

GEIGER, ALA–MISS.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Railroad
Railroad
MISSISSIPPI
ALABAMA
LOUISVILLE & NASHVILLE
ST. LOUIS - SAN FRANCISCO
Flowing Well
Flowing Well
Pasture
Pasture
Cem.
Church
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WETLAND LEGEND

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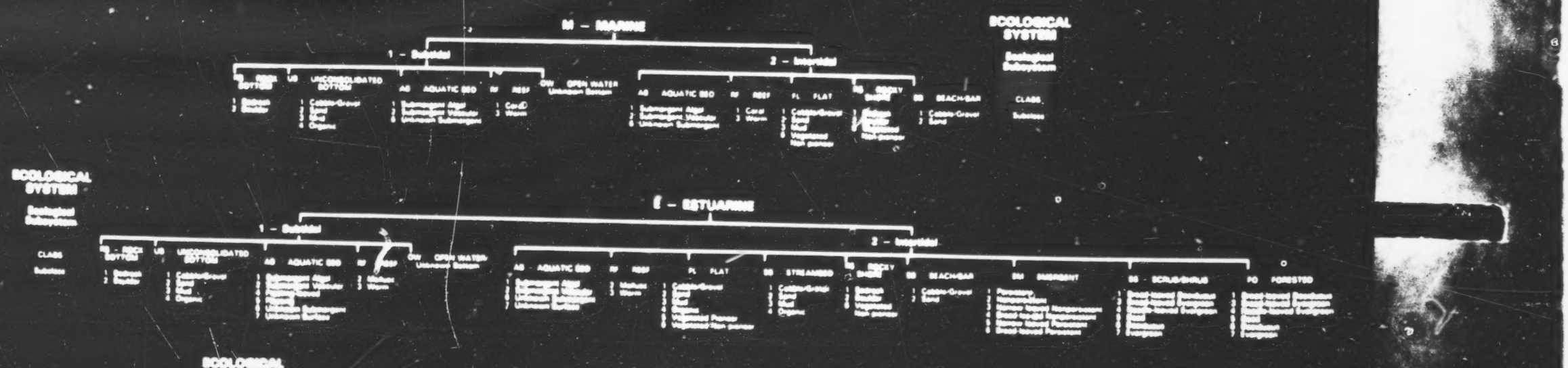

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WATER REGIME(1)				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS	
Non-Tidal		Tidal		Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water			
A Temporary	G Saturated	K Artificial	P Permanently Flooded	1 Hypersaline	6 Hyperhaline	7 Acid	1 Organic	b Beaver	h Diked/Impounded
B Seasonal	H Permanently Flooded	L Intermittently Exposed	Q Intermittently Flooded	2 Eusaline	5 Eusaline	8 Alkaline	2 Mineral	c Partially Drained/Ditched	r Artificial
C Saturated	J Intermittently Flooded	M Permanently Flooded	R Seasonally Flooded	3 Mixohaline (Brackish)	4 Polyhaline	9 Calcareous		f Farmed	s Spoil
D Artificially Flooded				4 Polyhaline	3 Mesohaline	Alkaline			x Excavated
E Intermittently Exposed				5 Mesohaline	2 Oligohaline				
F Continuously Exposed				6 Oligohaline	1 Fresh				

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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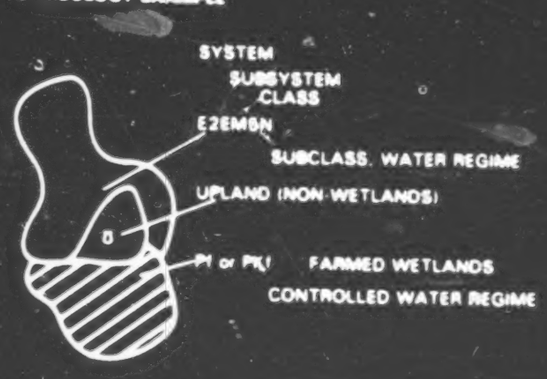

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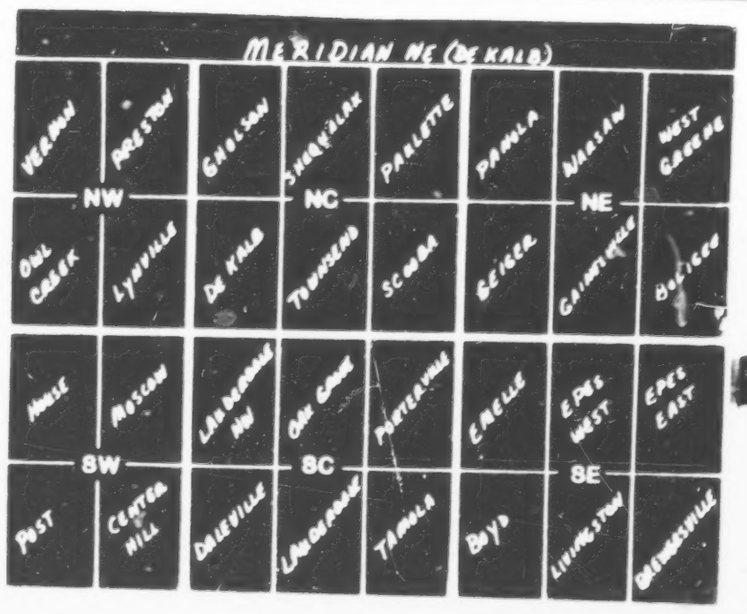
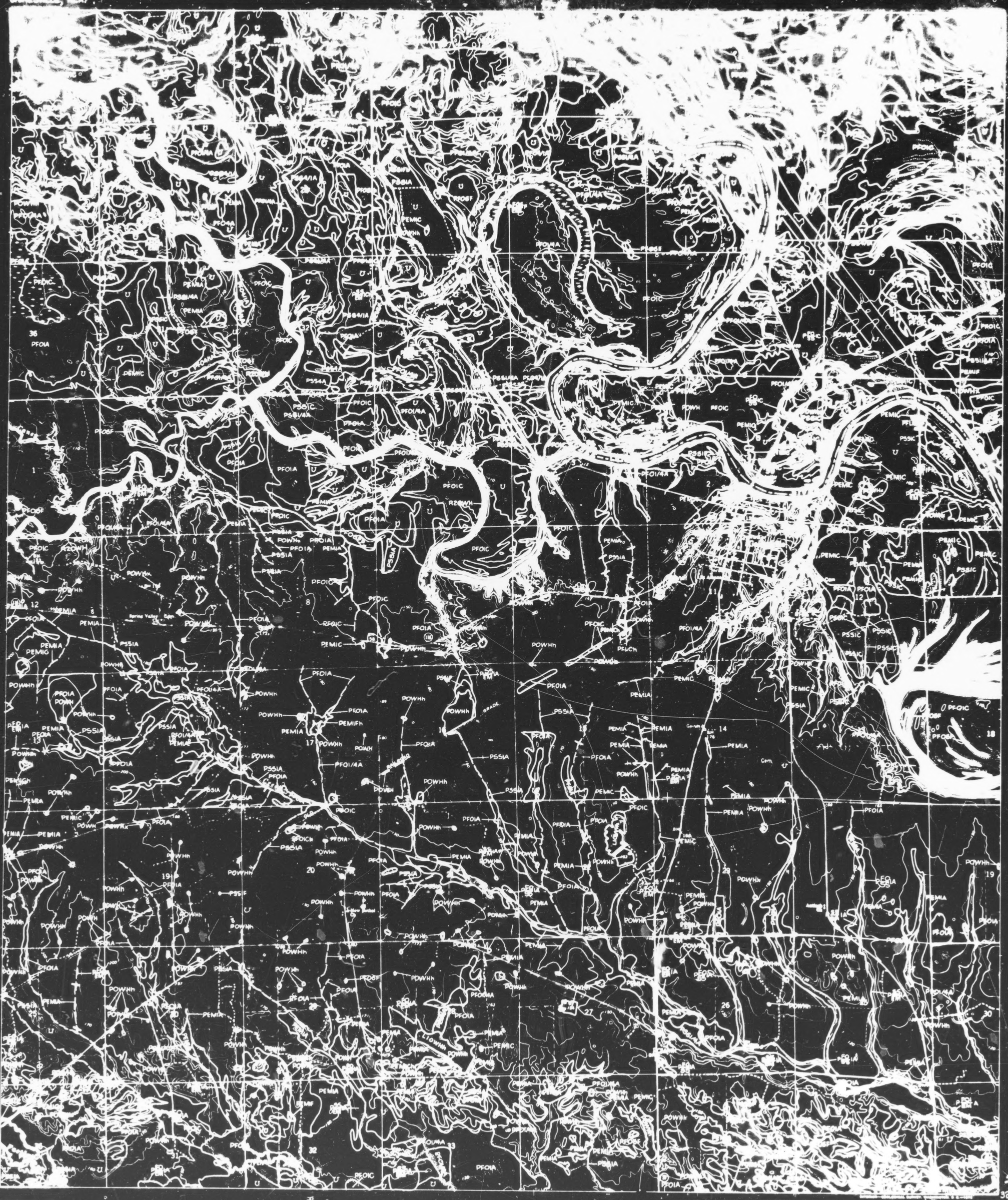


NATIONAL WETLANDS INVENTORY

GAINESVILLE, ALA.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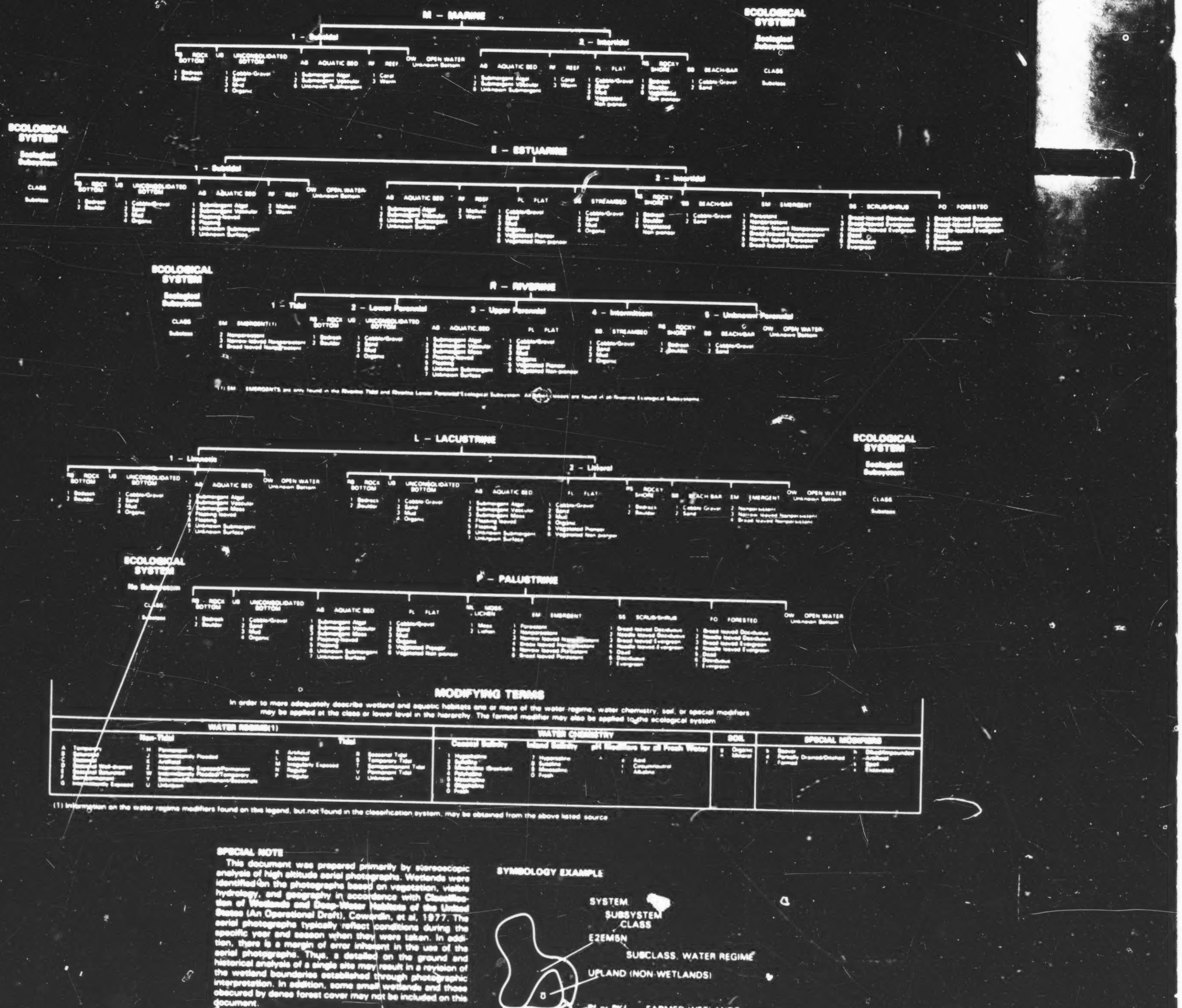
WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.



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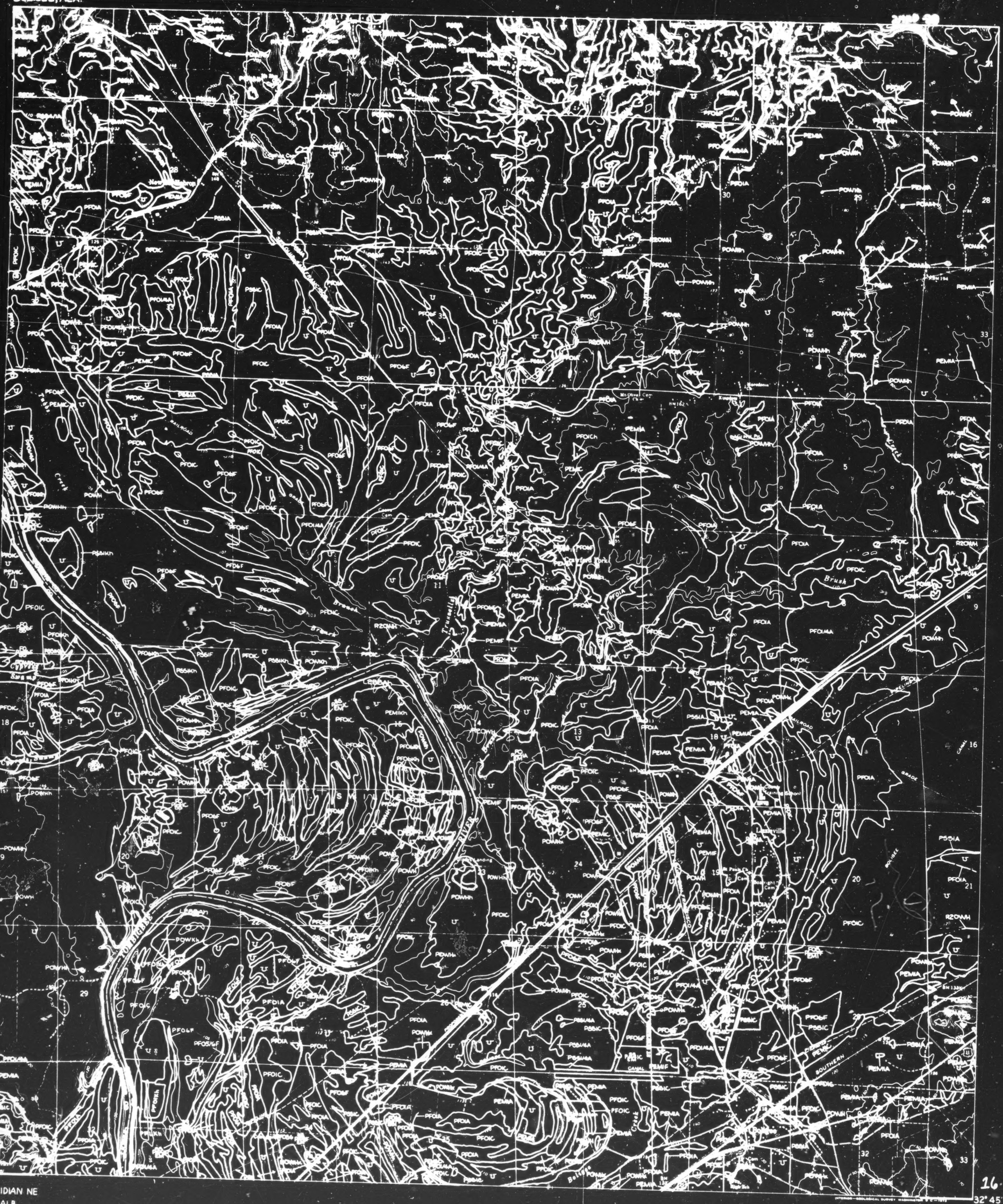
| WATER REGIME(1) | | |

AF 14064C D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

BOLIGEE, ALA.



MERIDIAN NE
DE KALB

SCALE 1:24000

16

32° 45'

88°00'

A/P 4/80
BOLIGEE, ALA

WETLAND LEGEND

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M – MARINE

1 – Subtidal: RB ROCK BOTTOM (Bedrock; Boulder) | UB UNCONSOLIDATED BOTTOM (Cobble-Gravel; Sand; Mud; Organic) | AB AQUATIC BED (Submergent Algal; Submergent Vascular; Unknown Submergent) | RF REEF (Coral; Worm) | OW OPEN WATER Unknown Bottom

2 – Intertidal: AB AQUATIC BED (Submergent Algal; Submergent Vascular; Unknown Submergent) | RF REEF (Coral; Worm) | FL FLAT (Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non-pioneer) | RS ROCKY SHORE (Bedrock; Boulder; Vegetated; Non-pioneer) | BB BEACH BAR (Cobble-Gravel; Sand)

ECOLOGICAL SYSTEM: Ecological Subsystem: CLASS: Subclass

E – ESTUARINE

1 – Subtidal: RB ROCK BOTTOM (Bedrock; Boulder) | UB UNCONSOLIDATED BOTTOM (Cobble-Gravel; Sand; Mud; Organic) | AB AQUATIC BED (Submergent Algal; Submergent Vascular; Floating Algal; Floating Vascular; Unknown Submergent; Unknown Surface) | RF REEF (Mollusk; Worm) | OW OPEN WATER Unknown Bottom

2 – Intertidal: AB AQUATIC BED (Submergent Algal; Submergent Vascular; Floating Algal; Floating Vascular; Unknown Submergent; Unknown Surface) | RF REEF (Mollusk; Worm) | FL FLAT (Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non-pioneer) | SB STREAMBED (Cobble-Gravel; Sand; Mud; Organic) | RS ROCKY SHORE (Bedrock; Boulder; Vegetated; Non-pioneer) | BB BEACH-BAR (Cobble-Gravel; Sand) | EM EMERGENT (Persistent; Nonpersistent; Narrow-leaved Nonpersistent; Broad-leaved Nonpersistent; Narrow-leaved Persistent; Broad-leaved Persistent) | SS SCRUB-SHRUB (Broad-leaved Deciduous; Needle-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Evergreen; Dead; Deciduous; Evergreen) | FO FORESTED (Broad-leaved Deciduous; Needle-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Evergreen; Dead; Deciduous; Evergreen)

ECOLOGICAL SYSTEM: Ecological Subsystem: CLASS: Subclass

R – RIVERINE

1 – Tidal | 2 – Lower Perennial | 3 – Upper Perennial | 4 – Intermittent | 5 – Unknown Perennial

EM EMERGENT(1): Nonpersistent; Narrow-leaved Nonpersistent; Broad-leaved Nonpersistent

RB ROCK BOTTOM (Bedrock; Boulder) | UB UNCONSOLIDATED BOTTOM (Cobble-Gravel; Sand; Mud; Organic) | AB AQUATIC BED (Submergent Algal; Submergent Vascular; Floating Algal; Floating Vascular; Unknown Submergent; Unknown Surface) | FL FLAT (Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non-pioneer) | SB STREAMBED (Cobble-Gravel; Sand; Mud; Organic) | RS ROCKY SHORE (Bedrock; Boulder) | BB BEACH-BAR (Cobble-Gravel; Sand) | OW OPEN WATER Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic: RB ROCK BOTTOM (Bedrock; Boulder) | UB UNCONSOLIDATED BOTTOM (Cobble-Gravel; Sand; Mud; Organic) | AB AQUATIC BED (Submergent Algal; Submergent Vascular; Floating Algal; Floating Vascular; Unknown Submergent; Unknown Surface) | OW OPEN WATER Unknown Bottom

2 – Littoral: RB ROCK BOTTOM (Bedrock; Boulder) | UB UNCONSOLIDATED BOTTOM (Cobble-Gravel; Sand; Mud; Organic) | AB AQUATIC BED (Submergent Algal; Submergent Vascular; Floating Algal; Floating Vascular; Unknown Submergent; Unknown Surface) | FL FLAT (Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non-pioneer) | RS ROCKY SHORE (Bedrock; Boulder) | BB BEACH-BAR (Cobble-Gravel; Sand) | EM EMERGENT (Nonpersistent; Narrow-leaved Nonpersistent; Broad-leaved Nonpersistent) | OW OPEN WATER Unknown Bottom

ECOLOGICAL SYSTEM: Ecological Subsystem: CLASS: Subclass

P – PALUSTRINE

ECOLOGICAL SYSTEM: No Subsystem: CLASS: Subclass

RB ROCK BOTTOM (Bedrock; Boulder) | UB UNCONSOLIDATED BOTTOM (Cobble-Gravel; Sand; Mud; Organic) | AB AQUATIC BED (Submergent Algal; Submergent Vascular; Floating Algal; Floating Vascular; Unknown Submergent; Unknown Surface) | FL FLAT (Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non-pioneer) | ML MOSS LICHEN (Moss; Lichen) | EM EMERGENT (Persistent; Nonpersistent; Narrow-leaved Nonpersistent; Broad-leaved Nonpersistent; Narrow-leaved Persistent; Broad-leaved Persistent) | SS SCRUB-SHRUB (Broad-leaved Deciduous; Needle-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Evergreen; Dead; Deciduous; Evergreen) | FO FORESTED (Broad-leaved Deciduous; Needle-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Evergreen; Dead; Deciduous; Evergreen) | OW OPEN WATER Unknown Bottom

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WATER REGIMES(1)

Non-Tidal: A Temporary; B Saturated; C Seasonal; D Seasonal Well-drained; E Seasonal Saturated High Water Table; F Semipermanent; G Intermittently Exposed; H Permanent

Tidal: J Irregularly Flooded; K Artificial; L Subtidal; M Irregularly Exposed; N Regularly Flooded; P Irregularly Flooded-Tidal; R Seasonal Tidal; S Temporary Tidal; T Semipermanent Tidal; U Intermittently Tidal; V Permanent Tidal; Z Unknown

WATER CHEMISTRY

Coastal Salinity: 1 Hypersaline; 2 Euhaline; 3 Mixohaline (Brackish); 4 Polyhaline; 5 Mesohaline; 6 Oligohaline; 7 Fresh

Inland Salinity: 8 Hyperhaline; 9 Eusaline; 0 Mixosaline; - Fresh

pH Modifiers for all Fresh Water: a Acid; b Circumneutral; c Alkaline

SOIL: 1 Organic; 2 Mineral

SPECIAL MODIFIERS: b Beaver; d Partially Drained/Ditched; f Farmed; h Diked/Impounded; k Artificial; r Riprapped; s Spoil; x Excavated

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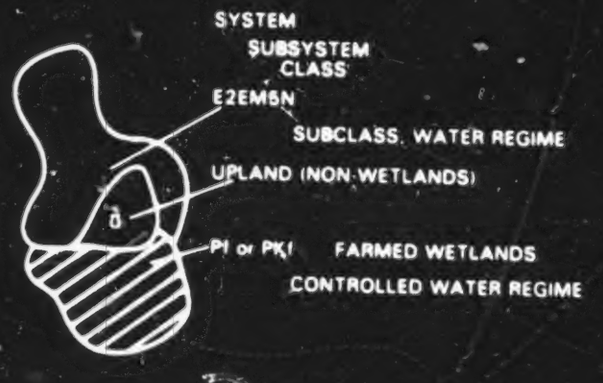

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MERIDIAN NE (DE KALB)

WEAMAN	PRESTON	GHAISAN	SHAWALAN	PALLETTE	PAMOLA	NAKISAN	WEST GREENE
NW		NC				NE	
OWL CREEK	LYNVILLE	DE KALB	TOWNSEND	SCOBA	GEIGER	GAMEWELL	BALLEGH
HAUSE	MASSON	LAKESHORE NW	OAK GROVE	PATTERSON	ENELLE	EPES WEST	EPES EAST
SW		SC				SE	
PAST	CENTER HILL	DALEVILLE	LINDEMAN	TAMOLA	BOYD	LIVINGSTON	GEISMERVILLE

NATIONAL WETLANDS INVENTORY

HOUSE, MISS.

MERIDIAN. NE
DE KALB

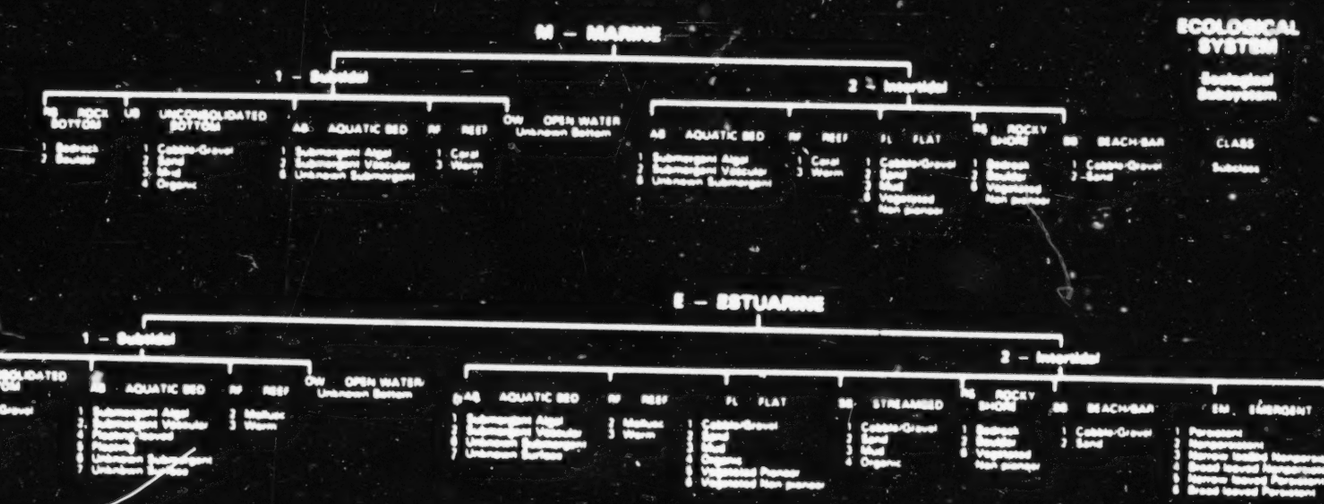
SCALE 1:24000

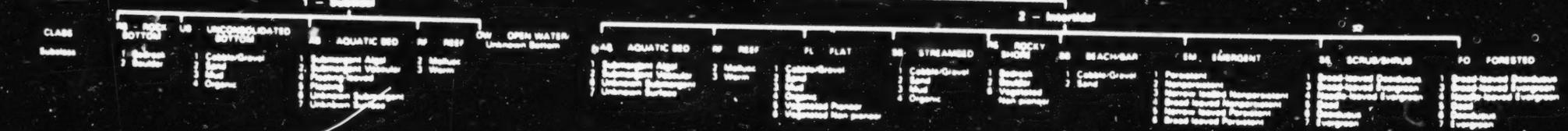
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

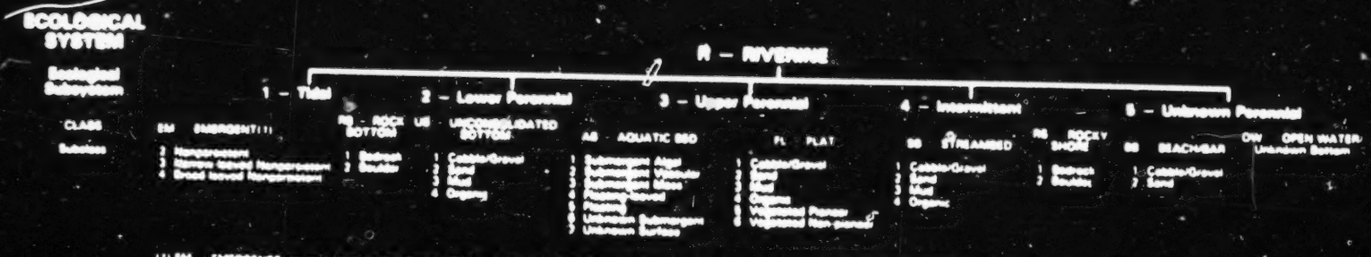
17
32°37'30"
88°52'30"
A/P 5/10
HOUSE, MISS.

WETLAND LEGEND

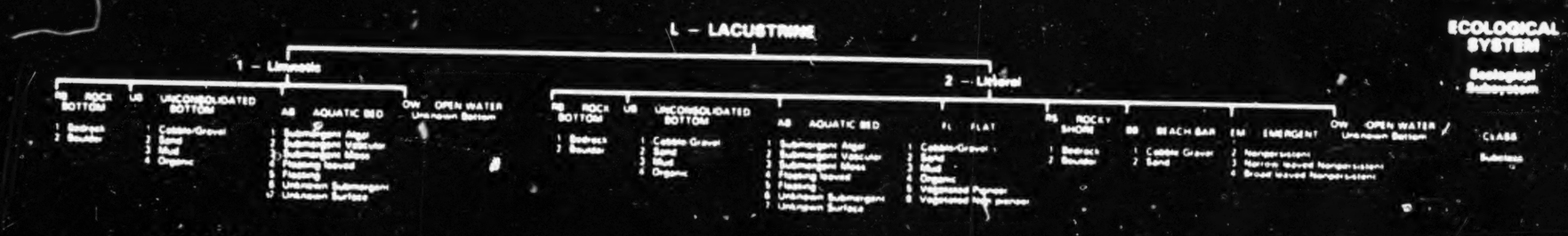
U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

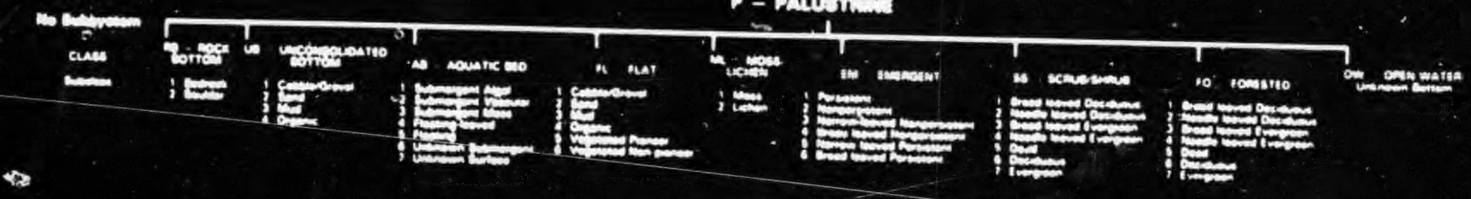






(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.





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WATER REGIME(1)		WATER CHEMISTRY		SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
A Temporary	H Permanent	1 Hyperhaline	7 Hypersaline	a Acid	1 Organic	b Beaver	h Diked/Impounded
B Saturated	J Intermittently Flooded	2 Euhaline	8 Eusaline	c Circumneutral	2 Mineral	d Partially Drained/Ditched	r Artificial
C Seasonal	K Artificial	3 Mixohaline (Brackish)	9 Mesohaline	i Alkaline		f Farmed	s Spoil
D Intermittently Exposed	L Subtidal	4 Polyhaline	0 Oligohaline				x Excavated
E Permanently Flooded	M Irregularly Exposed	5 Mixosaline					
F Intermittently Flooded	P Regularly Flooded	6 Fresh					
G Intermittently Exposed	R Seasonal Tidal						
	S Temporary Tidal						
	T Semipermanent Tidal						
	U Permanent Tidal						
	V Unknown						

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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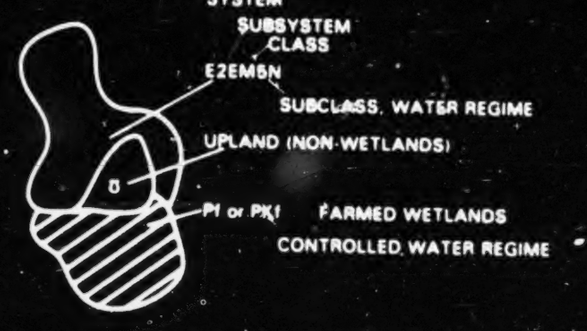

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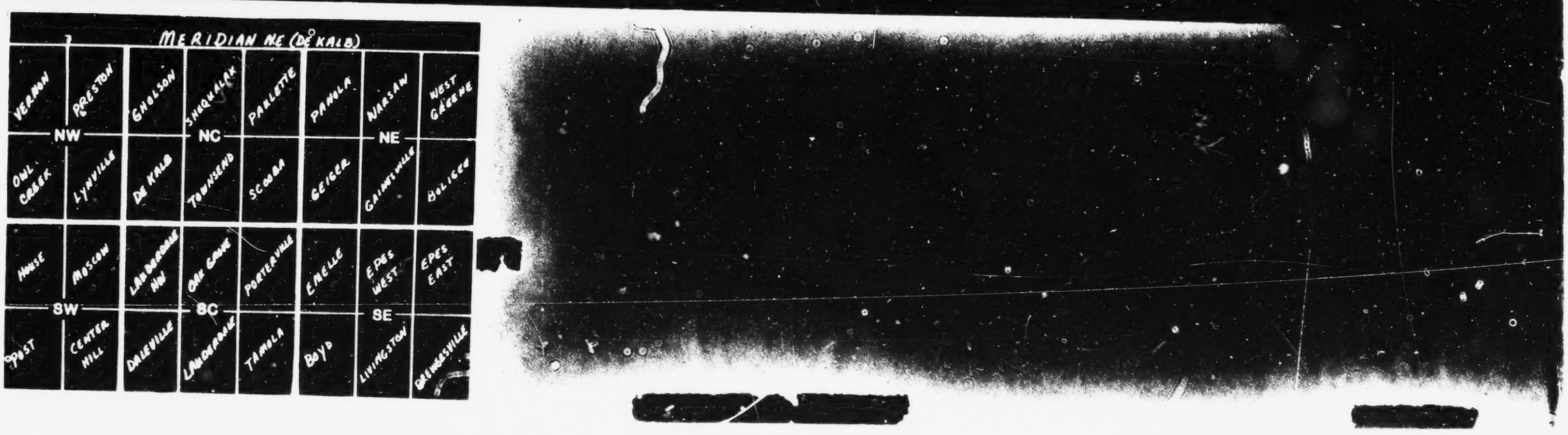
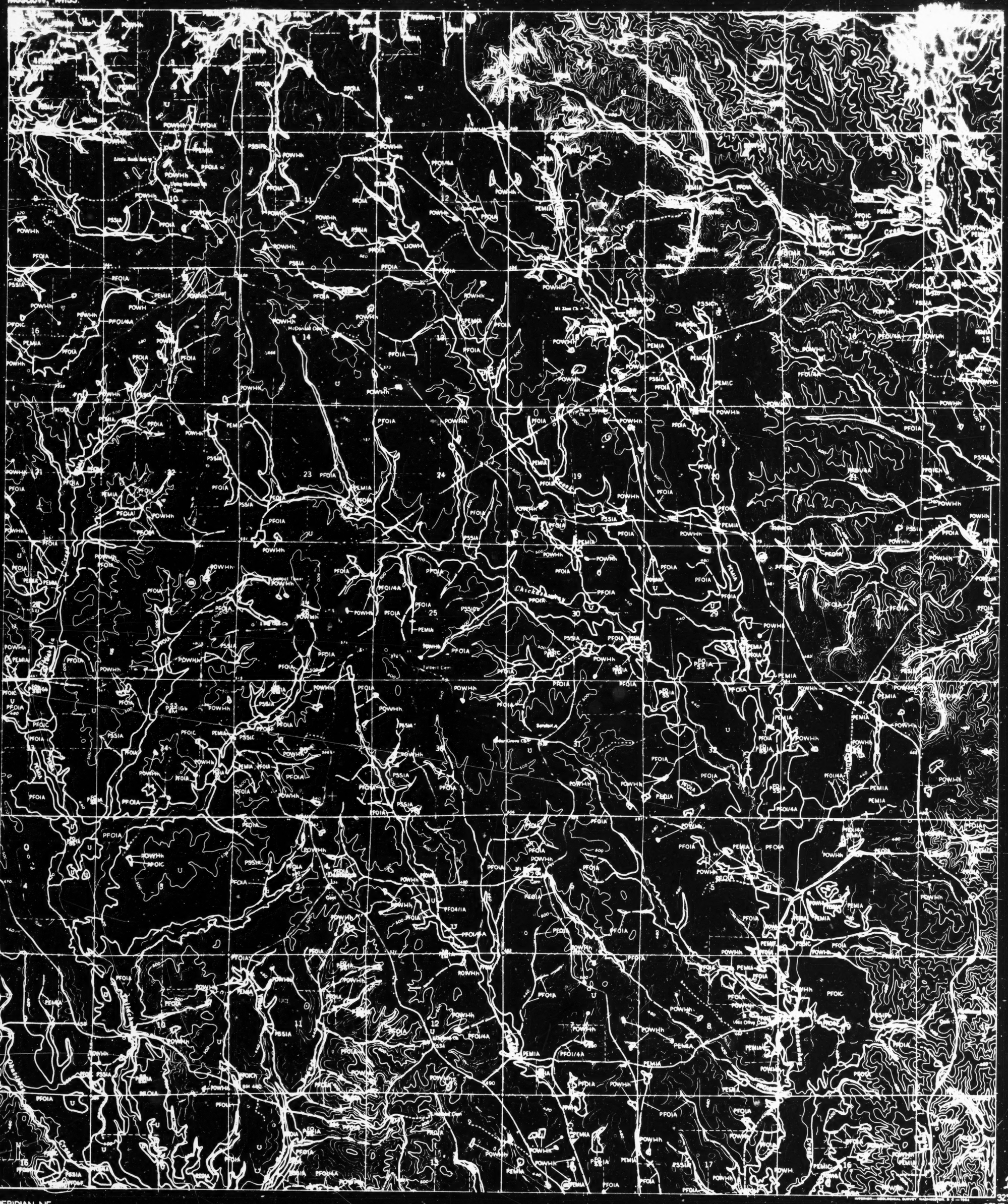


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

MOSCOW, MISS.



MERIDIAN NE
DE KALB

SCALE 1:100

18
32°37'30"

A/P 4/88
MOSCOW, MISS.

WETLAND LEGEND

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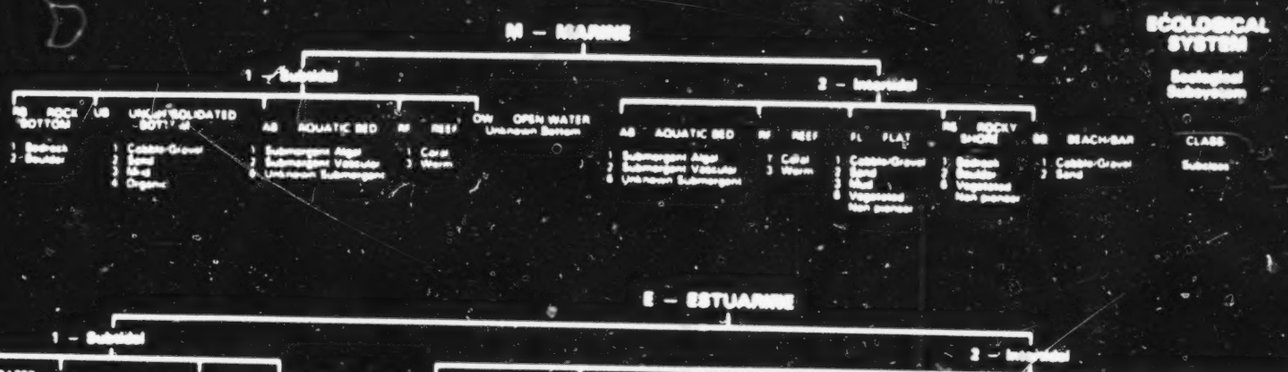

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Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
A Temporary B Saturated C Seasonal D Seasonal Well-drained E Saturated/Temporary F Semipermanent G Intermittently Exposed	H Permanent J Intermittently Flooded K Artificial L Intermittently Exposed/Permanent M Semipermanent/Temporary N Intermittently Exposed/Semipermanent/Seasonal U Unknown	1 Hypersaline 2 Euhaline 3 Mixohaline (Brackish) 4 Polyhaline 5 Mesohaline 6 Oligohaline 0 Fresh	7 Hypersaline 8 Euhaline 9 Mixohaline 0 Fresh	6 Acid 7 Circumneutral 8 Alkaline	O Organic M Mineral	b Beaver d Partially Drained/Ditched f Farmed h Diked/Impounded n Artificial s Spoil v Excavated

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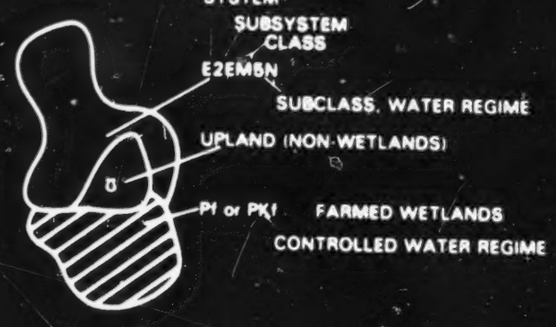
SYMBOLOGY EXAMPLE



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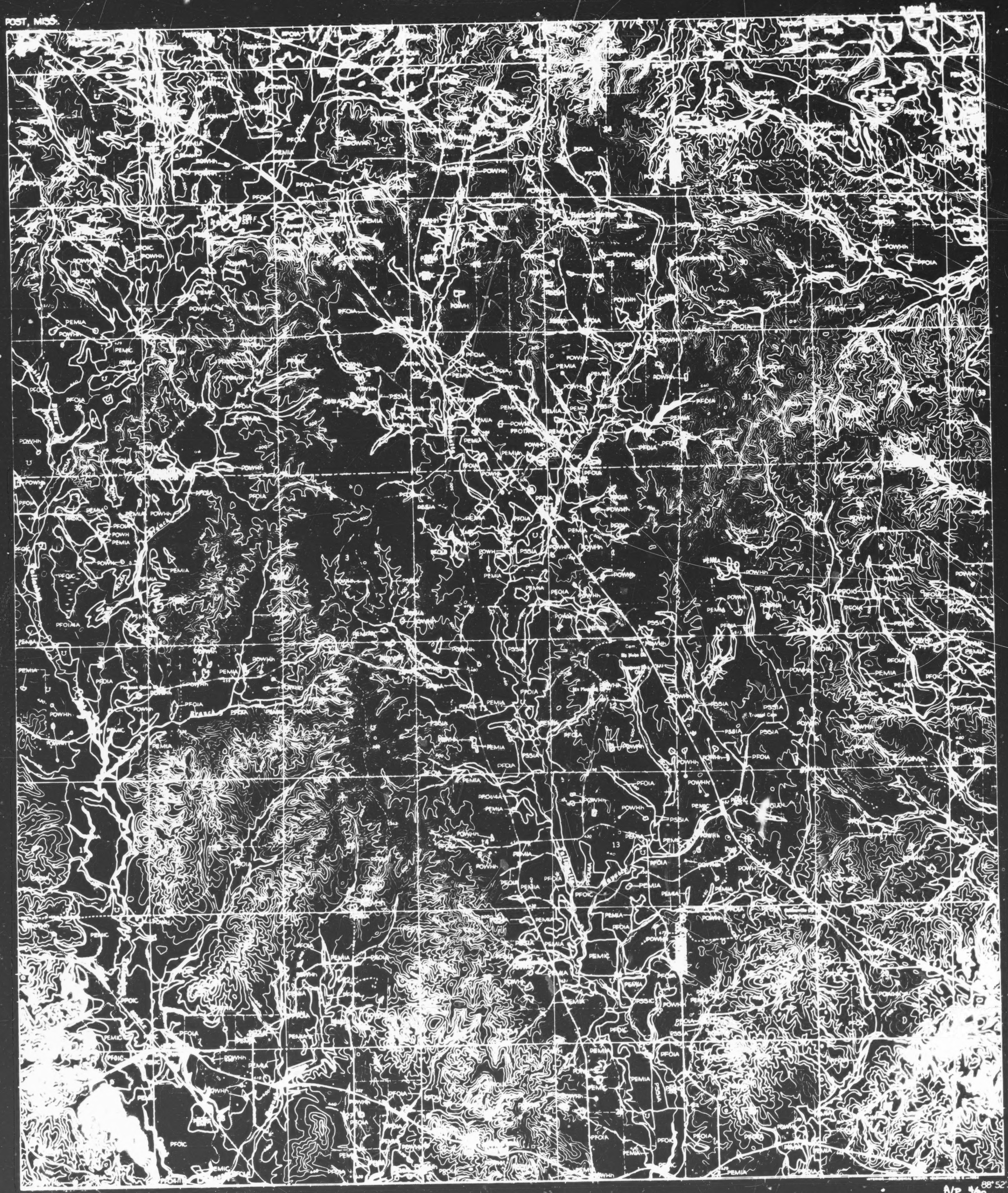
NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

POST, MISS.



19
32°30'
88°52'30"

A/P 4/80
POST, MISS.

MERIDIAN NE
DE KALB

SCALE 1:24 000

WETLAND LEGEND

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M – MARINE

1 – Subtidal

2 – Intertidal

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

E – ESTUARINE

1 – Subtidal

2 – Intertidal

R – RIVERINE

1 – Tidal | 2 – Lower Perennial | 3 – Upper Perennial | 4 – Intermittent | 5 – Unknown Perennial

EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic

2 – Littoral

P – PALUSTRINE

MODIFYING TERMS

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Non-Tidal	Tidal	Coastal Salinity	Inland Salinity		
A Temporary	N Permanent	1 Hypersaline	5 Hyperhaline	1 Organic	b Beaver
B Saturated	P Intermittently Flooded	2 Eusaline	6 Eusaline	2 Mineral	d Partially Drained/Ditched
C Seasonal	R Intermittently Exposed	3 Mixosaline	7 Oligohaline		f Farmed
D Temporary Flooded	T Semipermanent	4 Polysaline	8 Fresh		h Diked/Impounded
E Seasonal Flooded	V Intermittently Exposed/Permanent				r Artificial
F Continuously Flooded	W Intermittently Exposed/Semipermanent				s Spoil
G Intermittently Exposed/Permanent	Z Artificial				x Excavated
H Permanently Flooded					
J Intermittently Flooded					
K Artificial					

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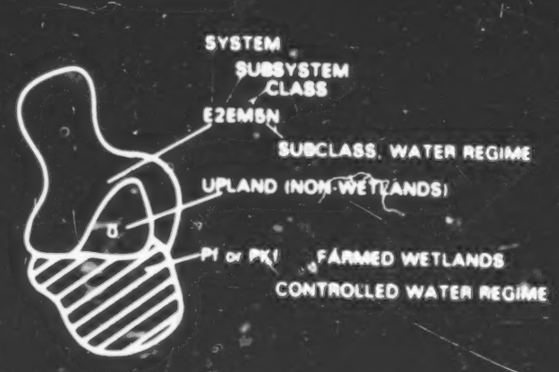

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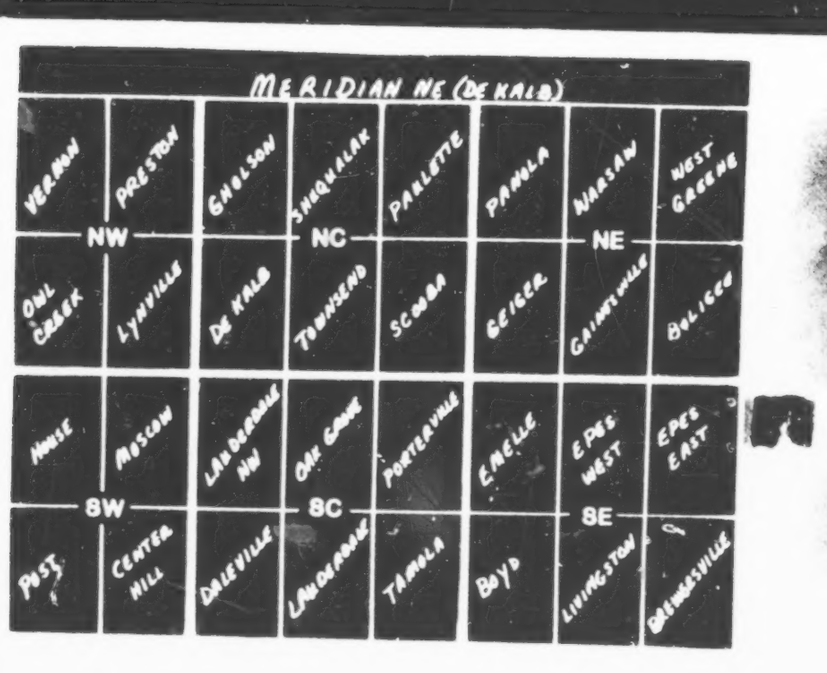
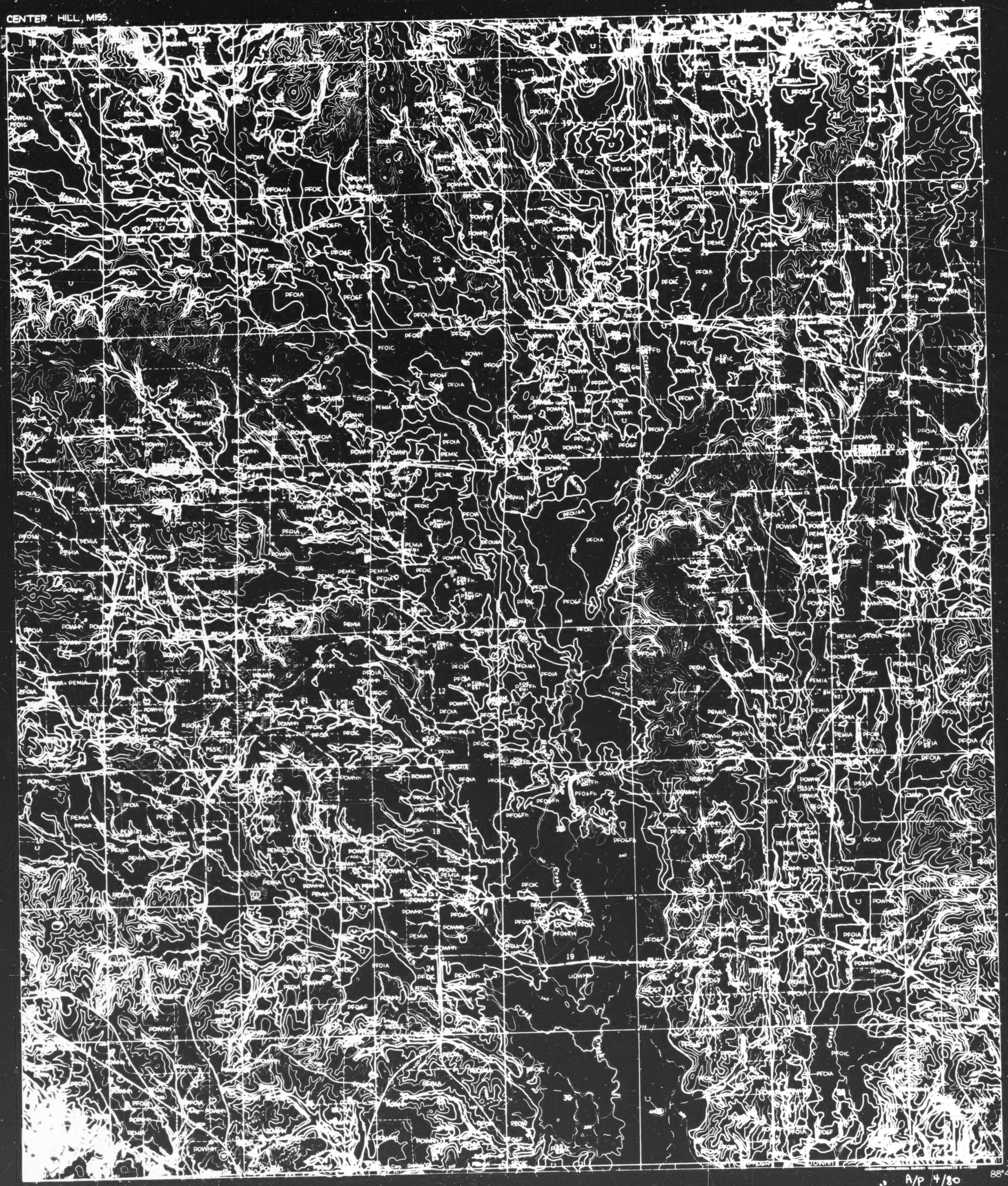


AP 14064C-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CENTER HILL, MISS.


POWHh
PEMIA
PFOIA
PFOIC
PFO6F
PEMIC
PFO6Fh
PSSIA
PSSIC
PEMIF
PFO6Fd
PEMIAd
PFO1A
PFO1/4A
PEMIAh
PEMIAf
PEMIAg
PEMIAb
PEMIAe
PEMIAc
PEMIAa
PEMIAd
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PFO6Fe
PFO6Fg
PFO6Fi
PFO6Fj
PFO6Fk
PFO6Fl
PFO6Fm
PFO6Fn
PFO6Fo
PFO6Fp
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PFO6Fs2
PFO6Ft2
PFO6Fu2
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PFO6Fz2
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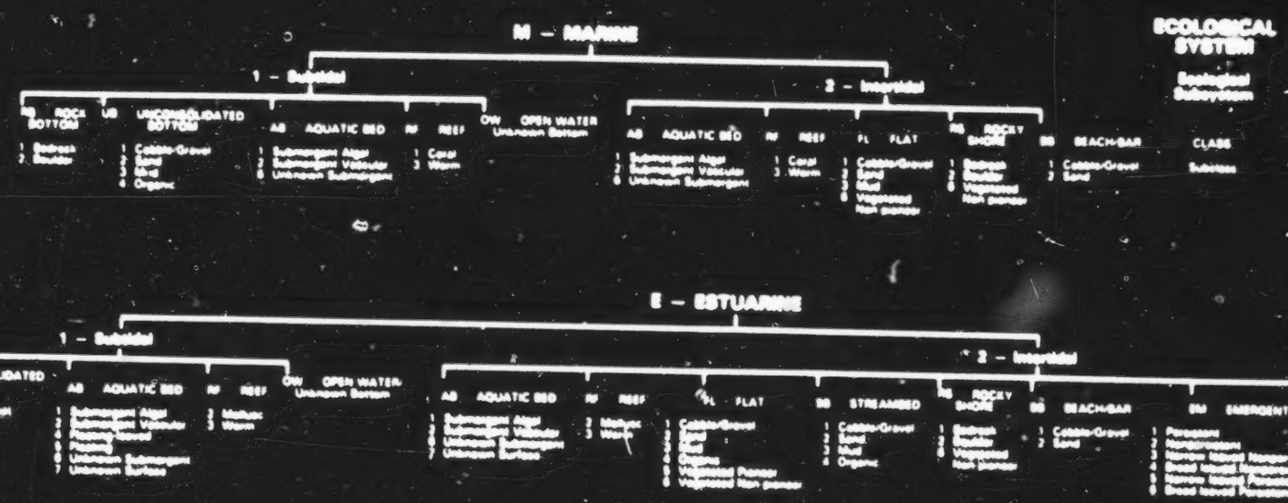

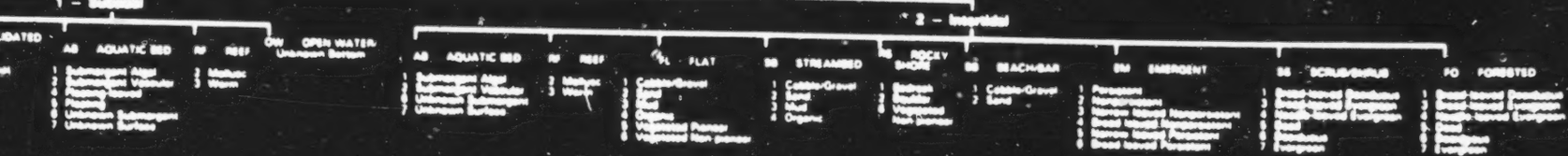

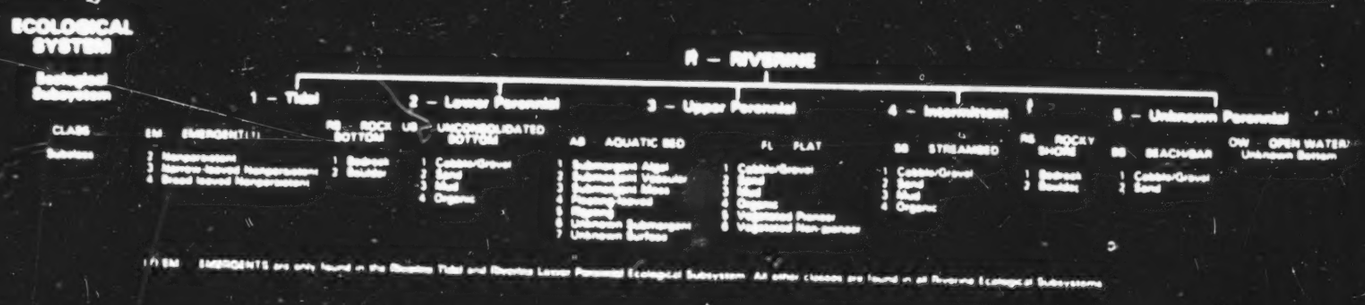

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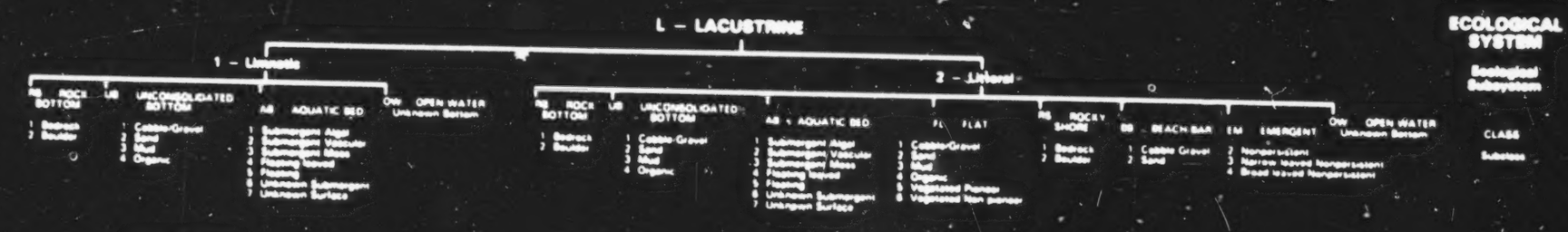

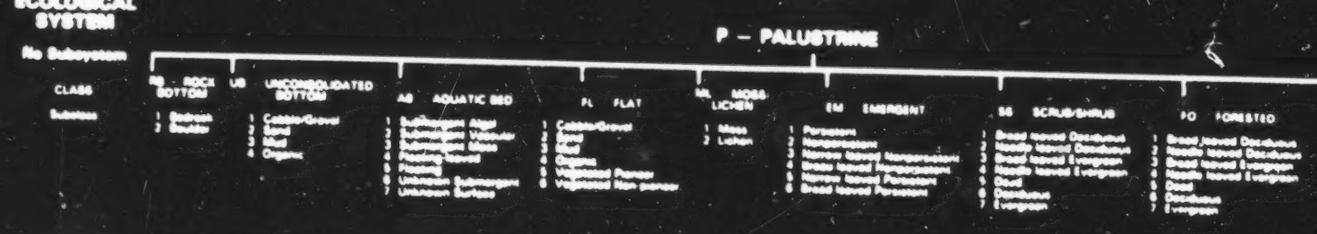

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C Seasonal	K Artificial		L Intertidal		T Semipermanent Tidal					3 Mixohaline (Brackish)	0 Fresh	7 Alkaline					s Spoil
D Nontidal	U Unknown		R Temporarily Flooded		V Permanent Tidal					4 Polyhaline							x Excavated
E Intermittently Exposed			T Saturated		U Unknown					5 Hyperhaline							
F Permanent			U Seasonal							0 Fresh							
G Intermittently Flooded/Temporary			V Temporary														
H Permanently Flooded/Intermittently Exposed			W Intermittently Exposed														
J Intermittently Flooded/Permanent			Y Permanent														
K Artificial			Z Intermittently Exposed/Permanent														
U Unknown																	

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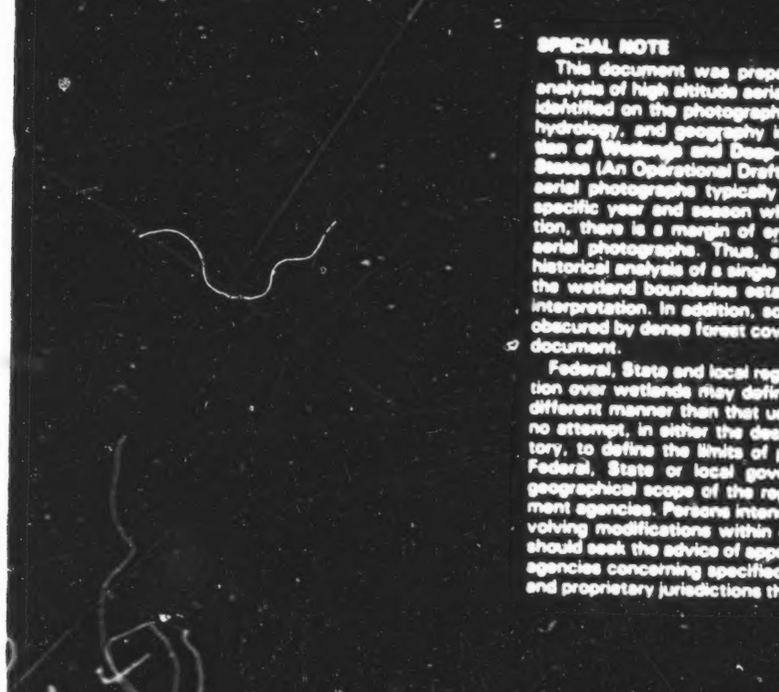
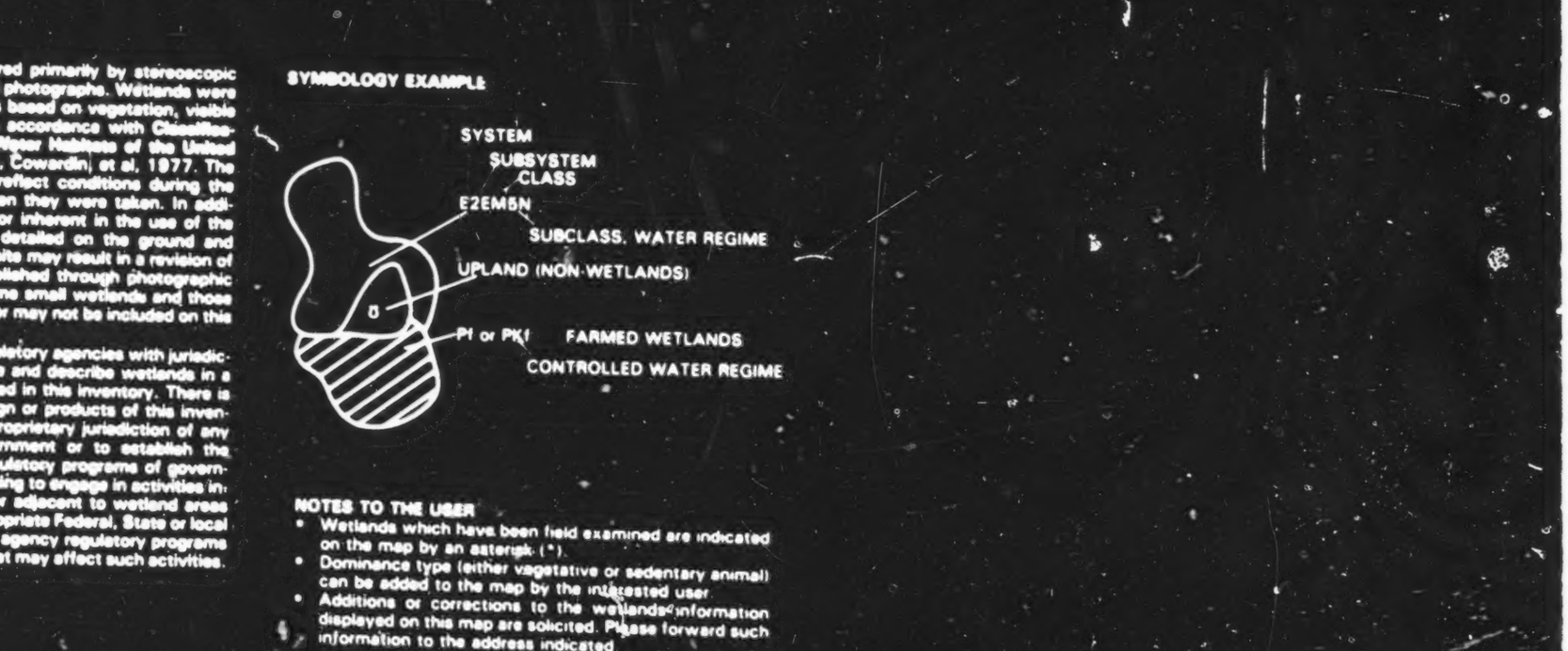
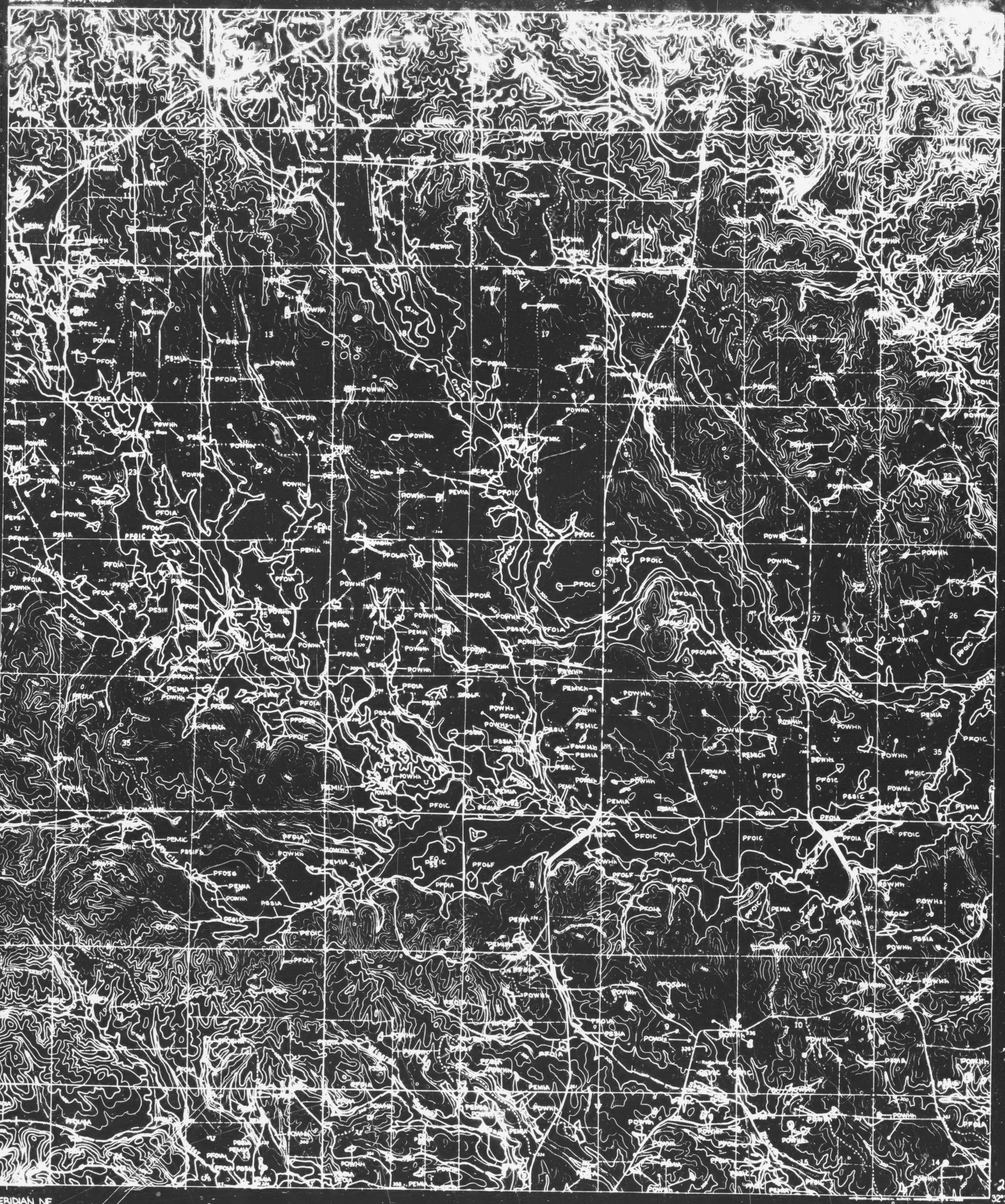




MISSISSIPPI GEOLOGICAL SURVEY
OPEN FILE REPORT 91-0001

LAUDERDALE NW, MISS.



MERIDIAN NE
DE KALB

SCALE 1:24000

21
32°37'30"
88°37'30"

A/P 4/20
LAUDERDALE NW, MISS

WETLAND LEGEND

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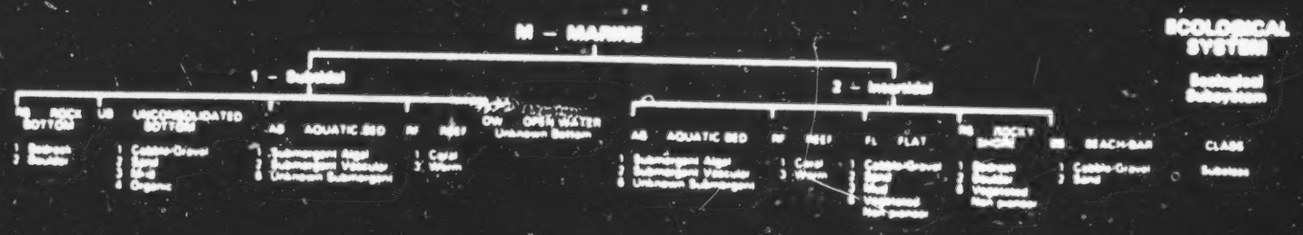
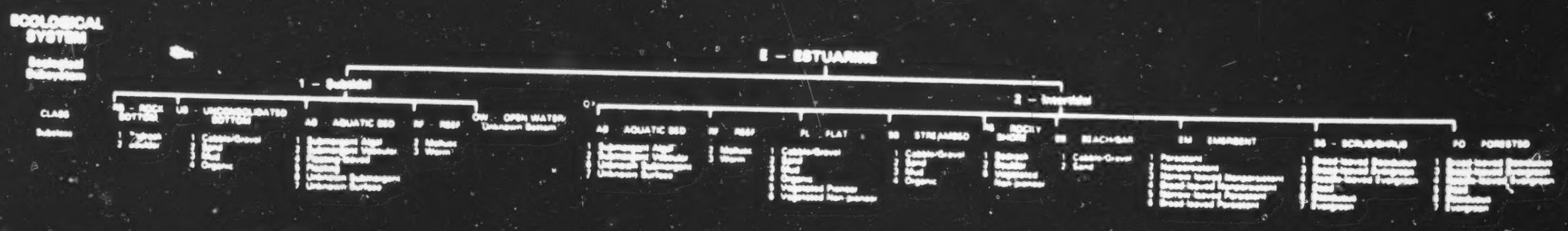
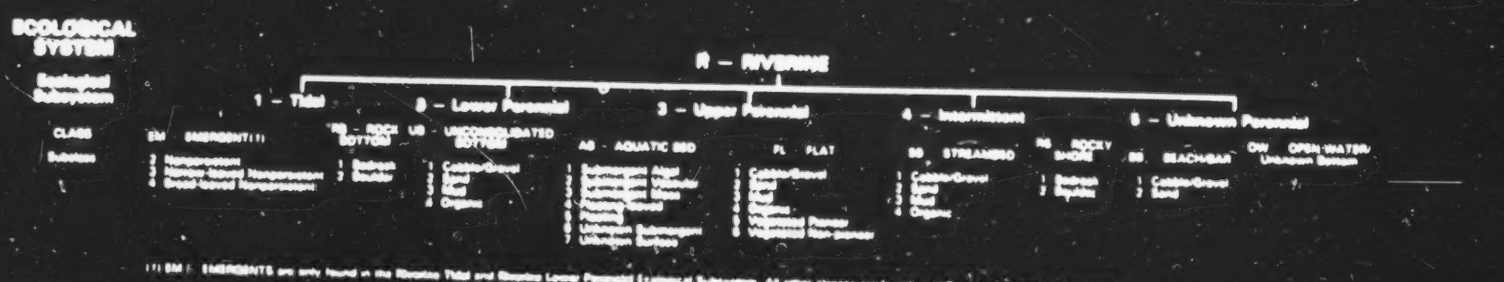
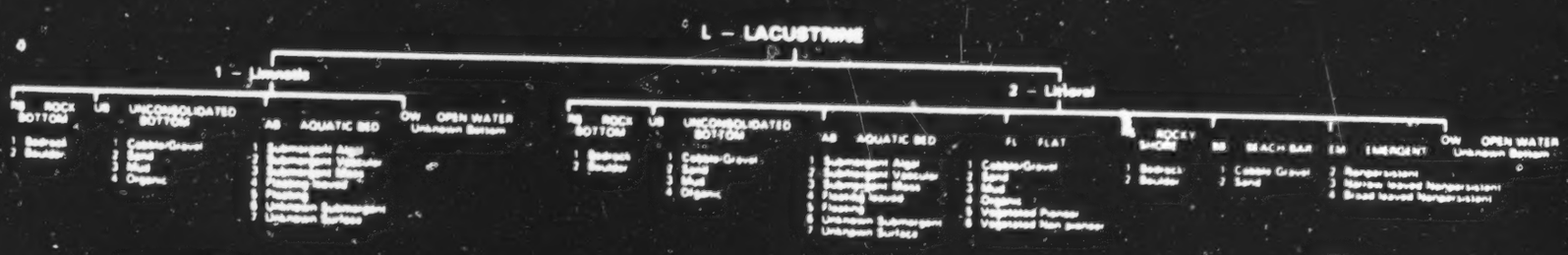
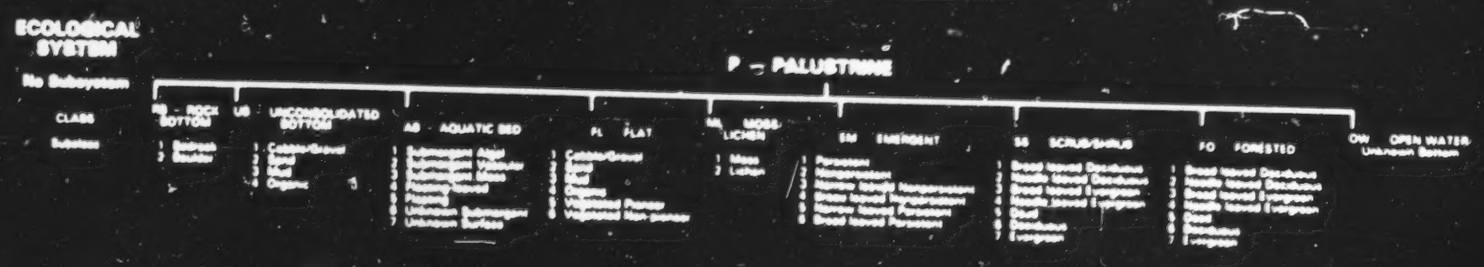






(1) EM / EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems





MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)												WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS	
Non-Tidal				Tidal								Coastal Salinity	Inland Salinity	pH Modifiers for Acid Peat or Fresh Water			
A Temporary	C Seasonal	F Semipermanent	G Intermittent	H Permanent	J Intermittently Exposed	K Artificial	N Regularly Flooded	P Irregularly Exposed	V Permanent Tidal	R Semipermanent Tidal	S Intermittent Tidal	1 Hypersaline	6 Hyperhaline	Acid	1 Diked/Impounded	h Beaver	r Partially Drained/Ditched
B Saturated	D Intermittently Flooded											2 Euhaline	7 Euhaline	Circumneutral	2 Farmed	s Spoil	t Excavated
E Seasonally Flooded												3 Mixohaline (Brackish)	8 Mixosaline	Alkaline			
												4 Polyhaline	9 Fresh				
												5 Mesohaline					
												6 Hyperhaline					
												7 Euhaline					
												8 Polyhaline					
												9 Fresh					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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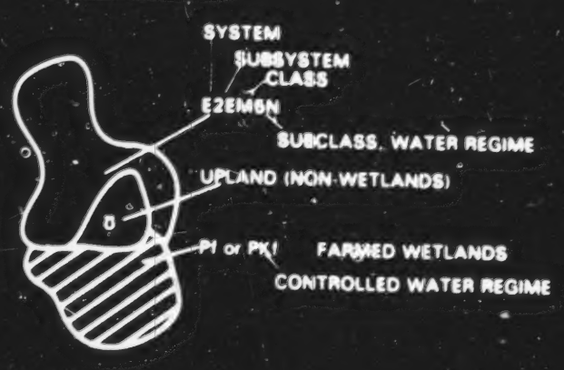
SYMBOLOGY EXAMPLE



NOTES TO THE USER

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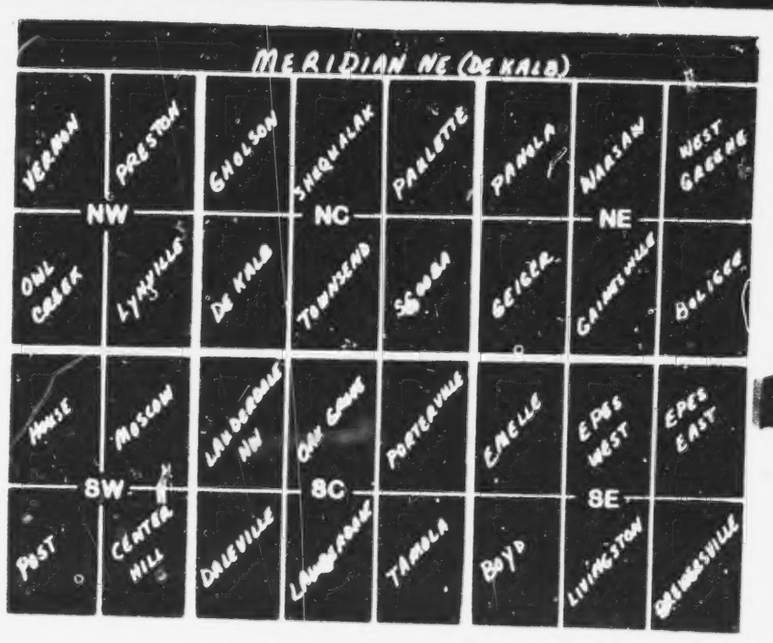

MERIDIAN NE
DE KALB

SCALE 1:X10

N/P 4/50
OAK GROVE, MISS

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

M – MARINE

E – ESTUARINE

R – RIVERINE

L – LACUSTRINE

P – PALUSTRINE

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)		WATER CHEMISTRY		SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity		
A Temporary	H Permanent				
B Saturated	J Intermittently Flooded				
C Seasonal	K Artificial				
D Seasonal/Well-drained					
E Saturated/Temporary					
F Intermittently Exposed					
G Permanently Flooded					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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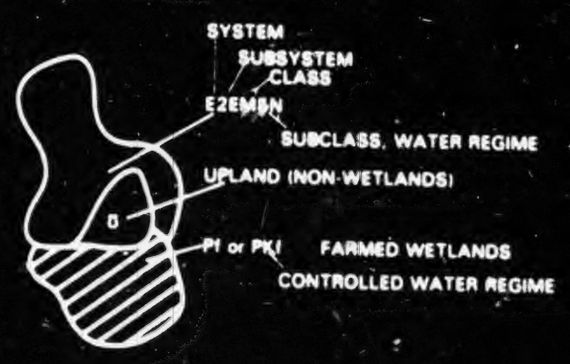
SYMBOLOGY EXAMPLE



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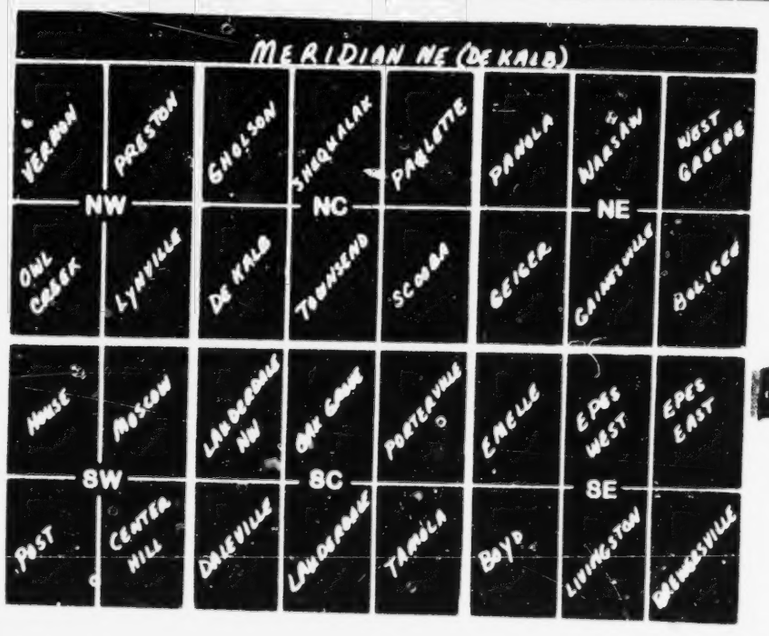
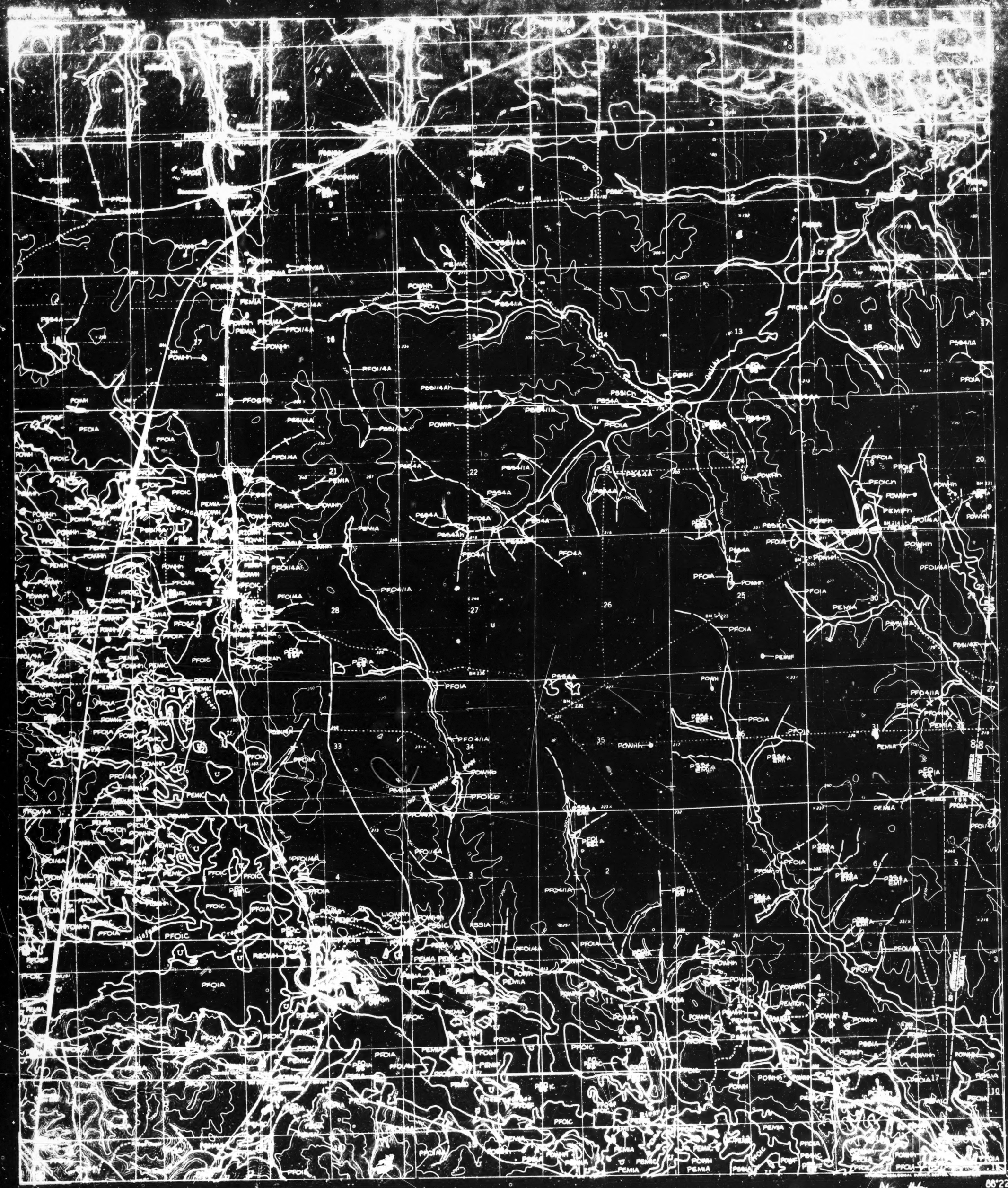
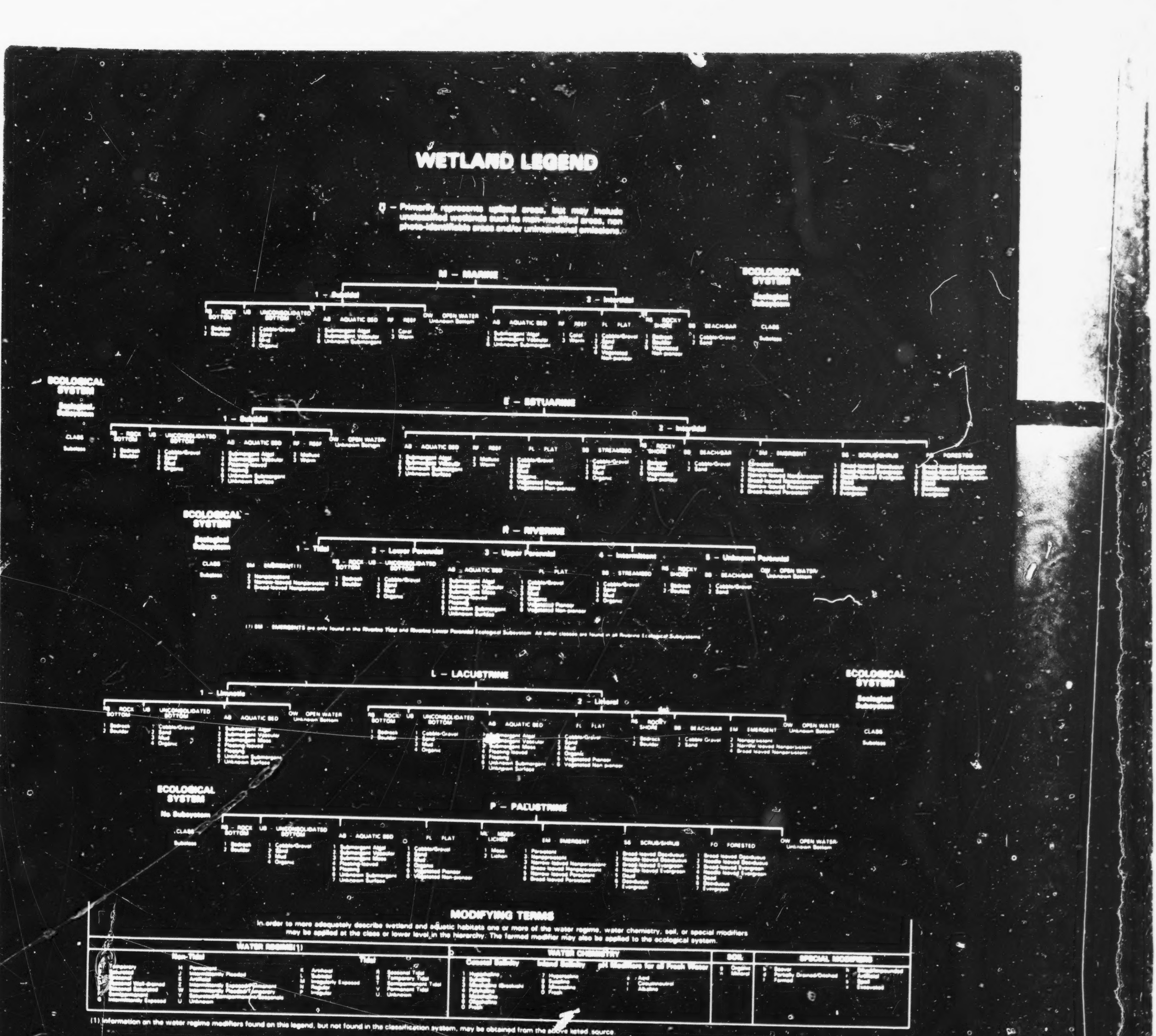



MERIDIAN NE
DE KALB
SCALE 1:24000
PORTERVILLE, MISS.-ALA.
32°37'30"
88°22'30"

WETLAND LEGEND

0 – Primarily represents upland areas, but may include Undesignated wetlands (such as man-modified areas, non photo-identifiable areas and/or unmeasured contrasts).



MODIFYING TERMS

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WATER REGIME (1)						WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS	
Non-Tidal		Tidal				Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water			
A Temporary	F Seasonal	R Subtidal	T Diurnal	V Permanent Tidal		1 Hyperhaline	7 Hypersaline	8 Acid	1 Organic	s Spoil	x Excavated
B Saturated	G Intermittent	S Irregularly Exposed	U Semipermanent Tidal			2 Euhaline	8 Eusaline	9 Circumneutral		d Partly Drained/Ditched	f Diked/Impounded
C Seasonal	H Permanent					3 Mixohaline (Brackish)	9 Fresh	A Alkaline			r Artificial
D Intermittently Exposed	J Intermittently Flooded					4 Polyhaline					h Farmed
E Permanently Flooded	K Artificially Flooded					5 Mesohaline					
	U Unknown					6 Oligohaline					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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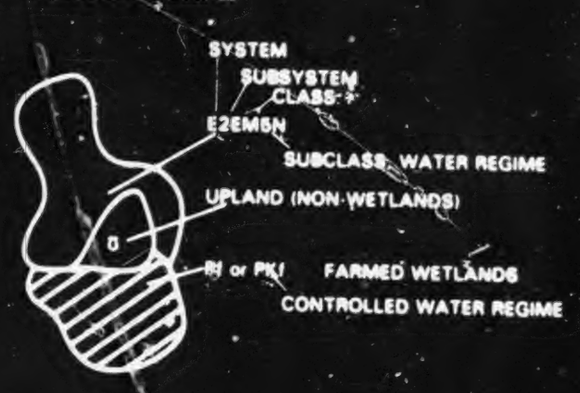
SYMBOLOGY EXAMPLE



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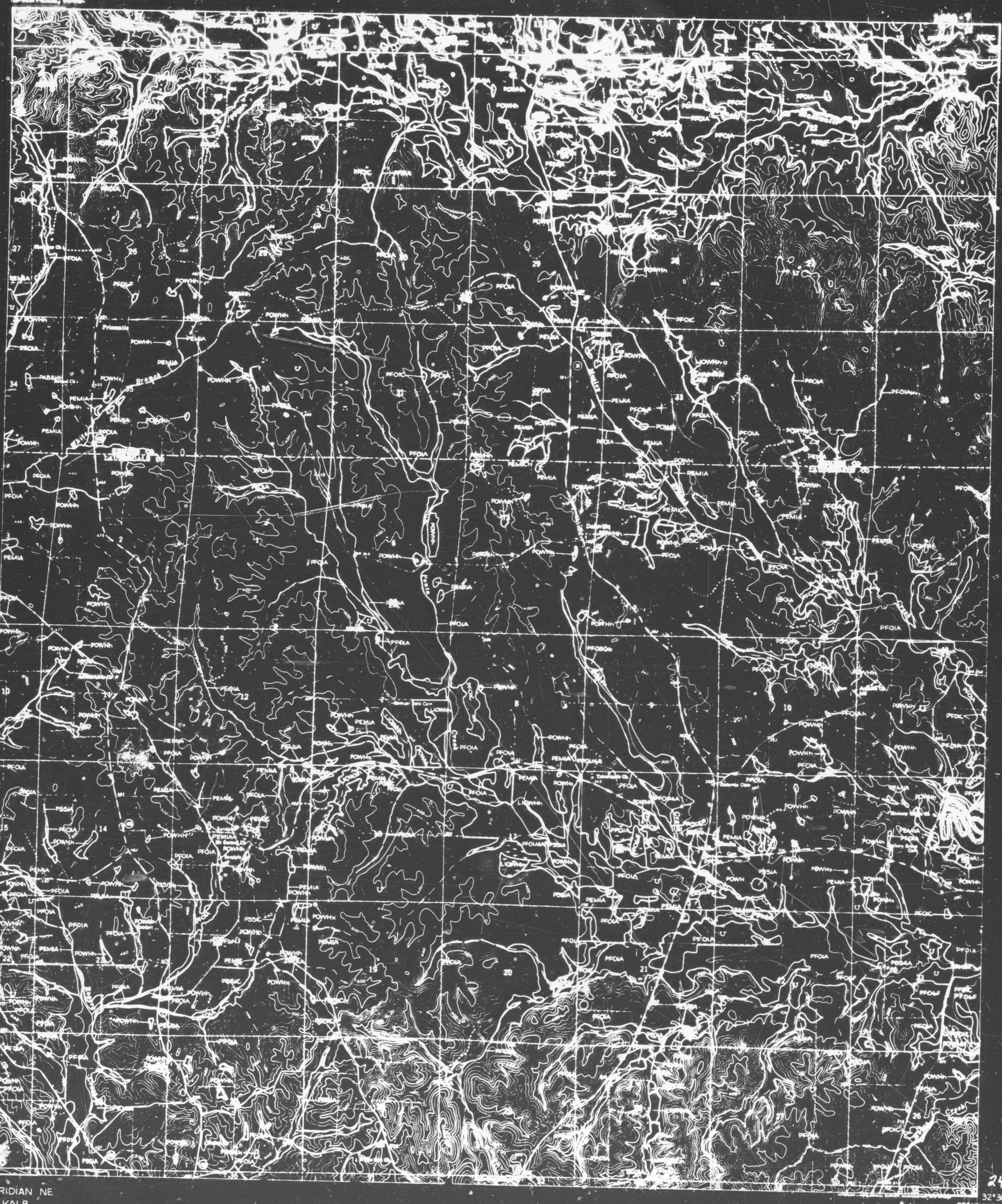
NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

DALEVILLE, MISS.



MERIDIAN NE
DE KALB

SCALE 1:24000

24

32°30'

88°37'30"

A/P 4/30

DALEVILLE, MISS

WETLAND LEGEND

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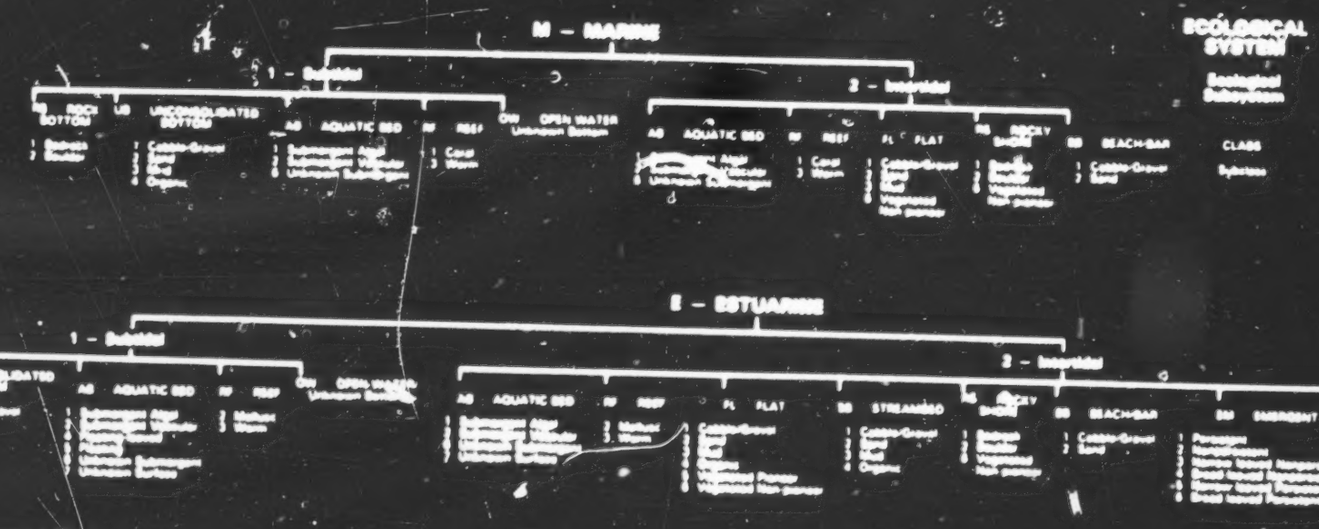

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WATER REGIMES(1)										WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS	
Non-Tidal			Tidal							General Salinity	Hydrogen Ion	pH Modifiers for all Fresh Water			
Permanent	Seasonal	Intermittent	Permanently Flooded	Intermittently Exposed	Semipermanent	Seasonal	Regularly Flooded	Irregularly Exposed	Artificial	Hyperhaline	Eurhaline	Acid	Organic	Beaver	Partially Drained/Ditched
Saturated	Semiwater	Artificial	Irregularly Flooded		Temporary	Intermittent	Irregularly Flooded			Mixohaline (Brackish)	Mesohaline	Circumneutral	Mineral	Diked/Impounded	Farmed
Seasonal	Intermittent									Polyhaline	Oligohaline	Alkaline			
Intermittent	Perennial									Euhaline	Fresh				
Permanent										Hypersaline					

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SPECIAL NOTE

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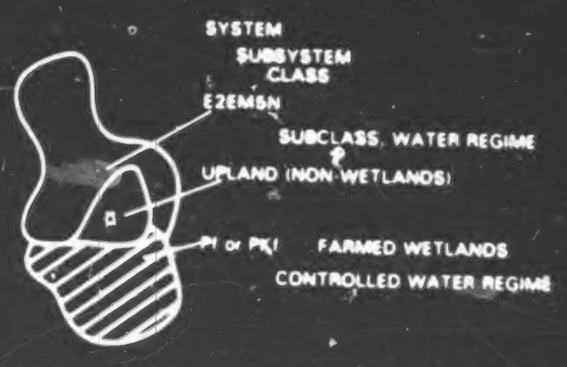

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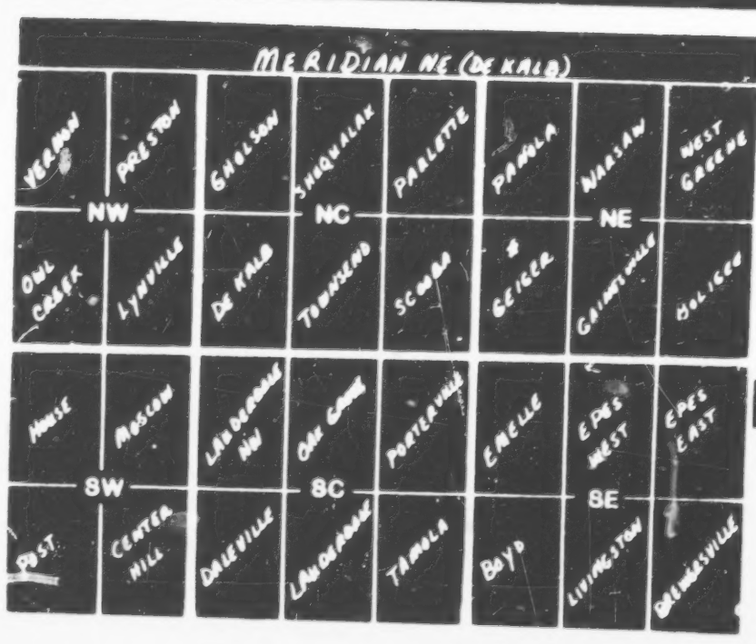
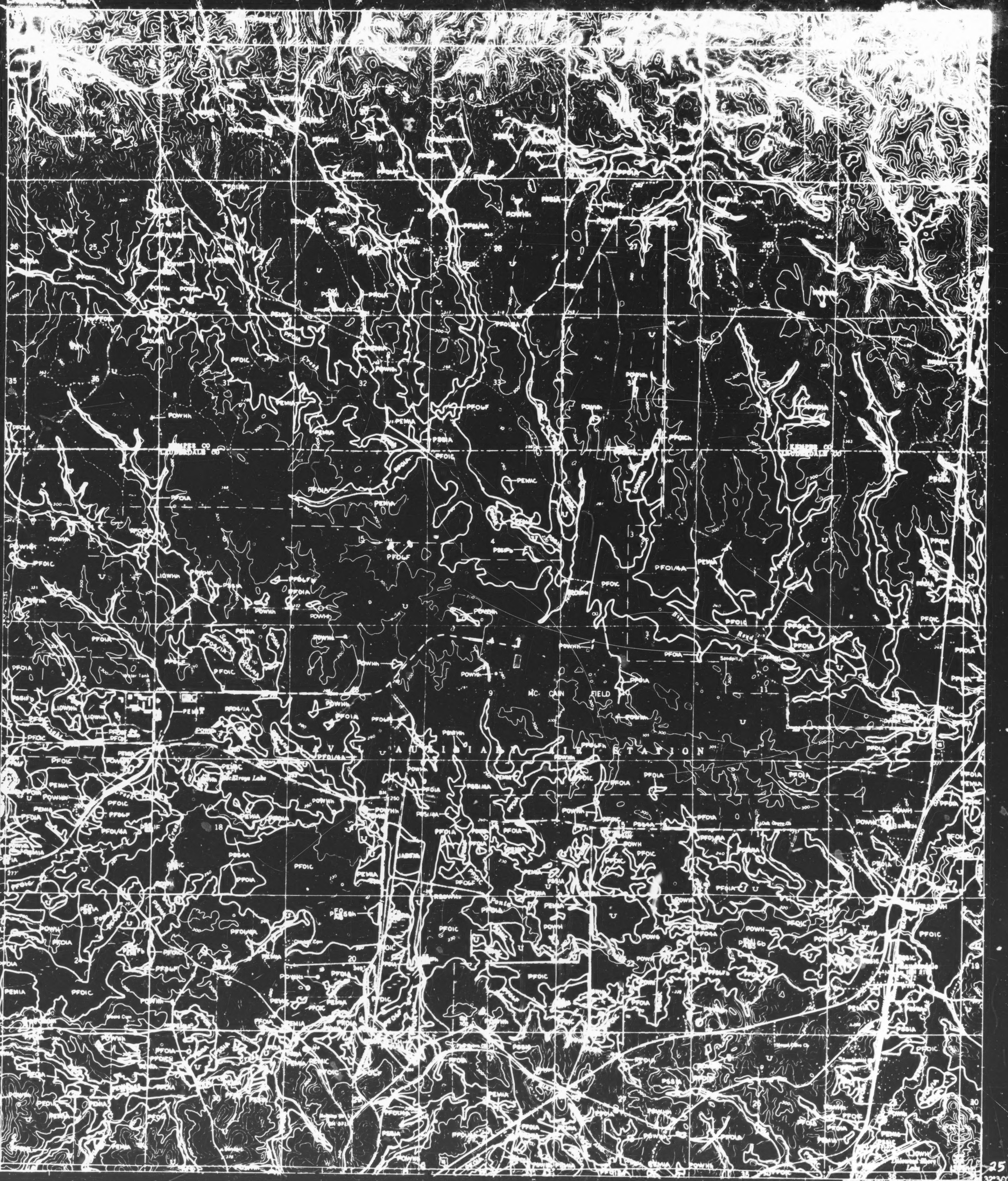


NATIONAL WETLANDS INVENTORY



MERIDIAN NE
DE KALB

SCALE 1:24000

A/P 4/30

LAUDERDALE, MISS.

WETLAND LEGEND

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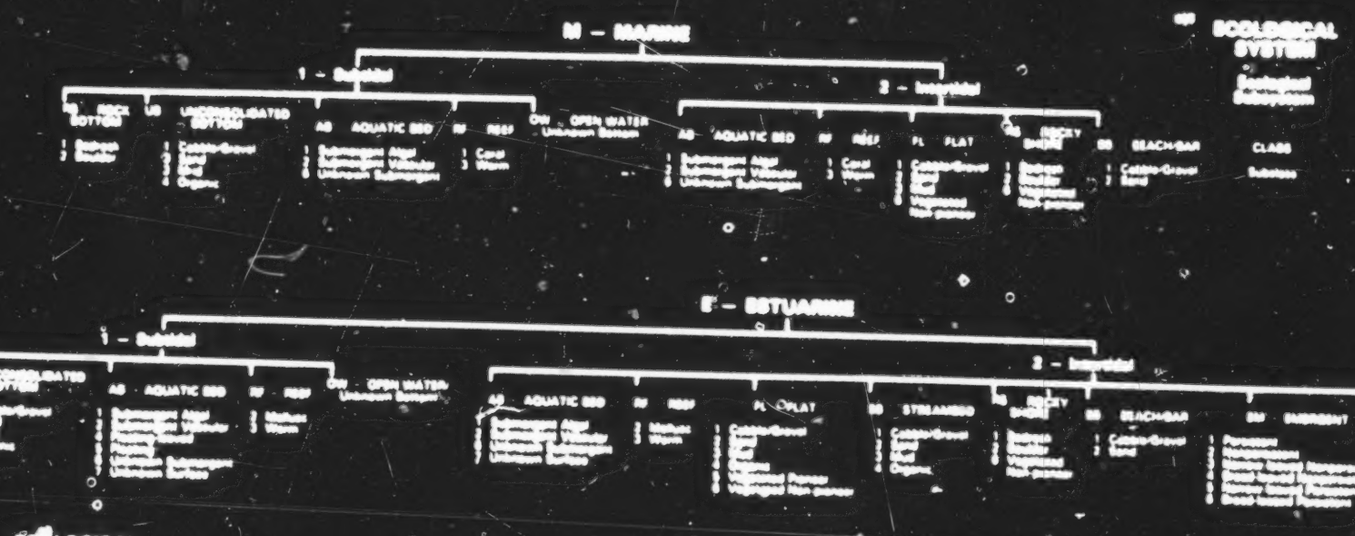

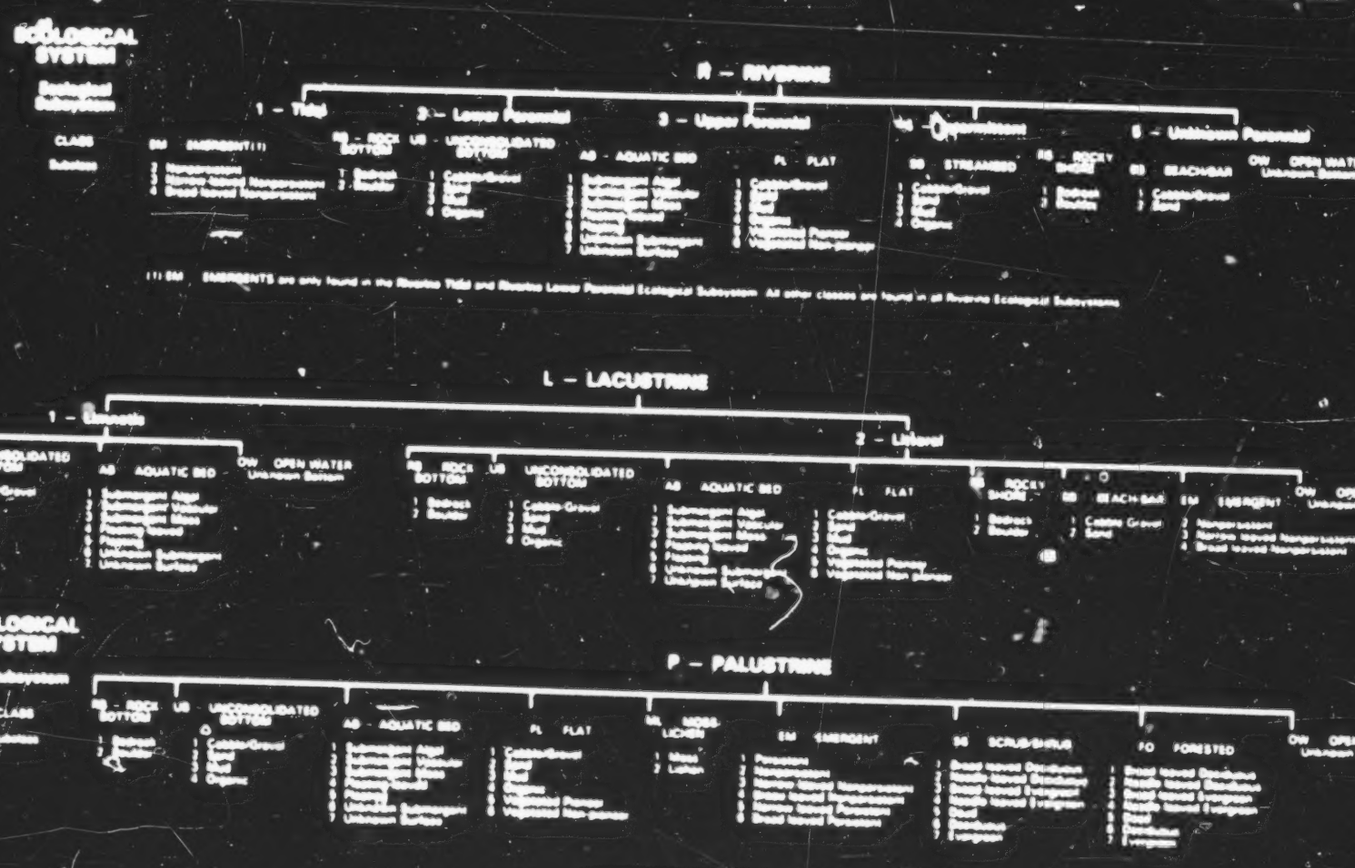

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MODIFYING TERMS

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WATER REGIMES(1)						WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS	
Non-Tidal		Tidal				Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water			
A Temporary	F Intermittently Flooded	G Intermittently Exposed	H Permanently Flooded	K Artificially Flooded	L Intermittently Exposed	H Permanently Flooded	K Artificially Flooded	Hyperhaline	Hypersaline	Acid	Organic
B Saturated	G Intermittently Exposed/Saturated		J Intermittently Exposed/Permanently Flooded			J Intermittently Exposed/Permanently Flooded		Euhaline	Eusaline	Circumneutral	Mineral
C Seasonal	H Permanently Flooded							Mixohaline (Brackish)	Hyposaline	Alkaline	
D Intermittently Exposed	J Intermittently Exposed/Permanently Flooded							Polyhaline	Fresh		
E Permanently Flooded	K Artificially Flooded										

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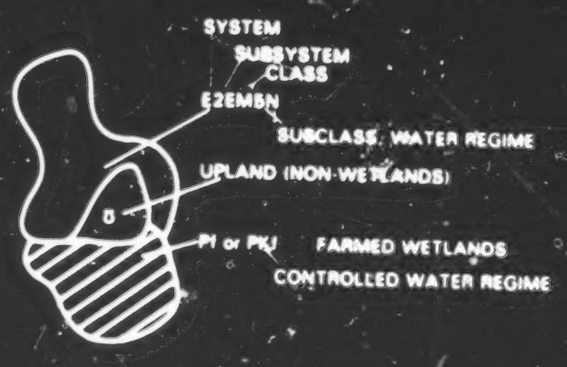

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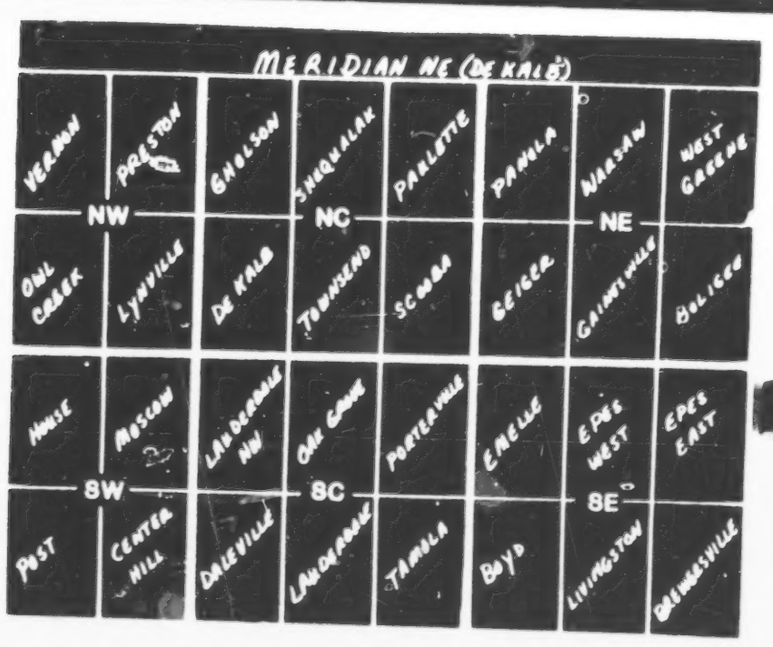

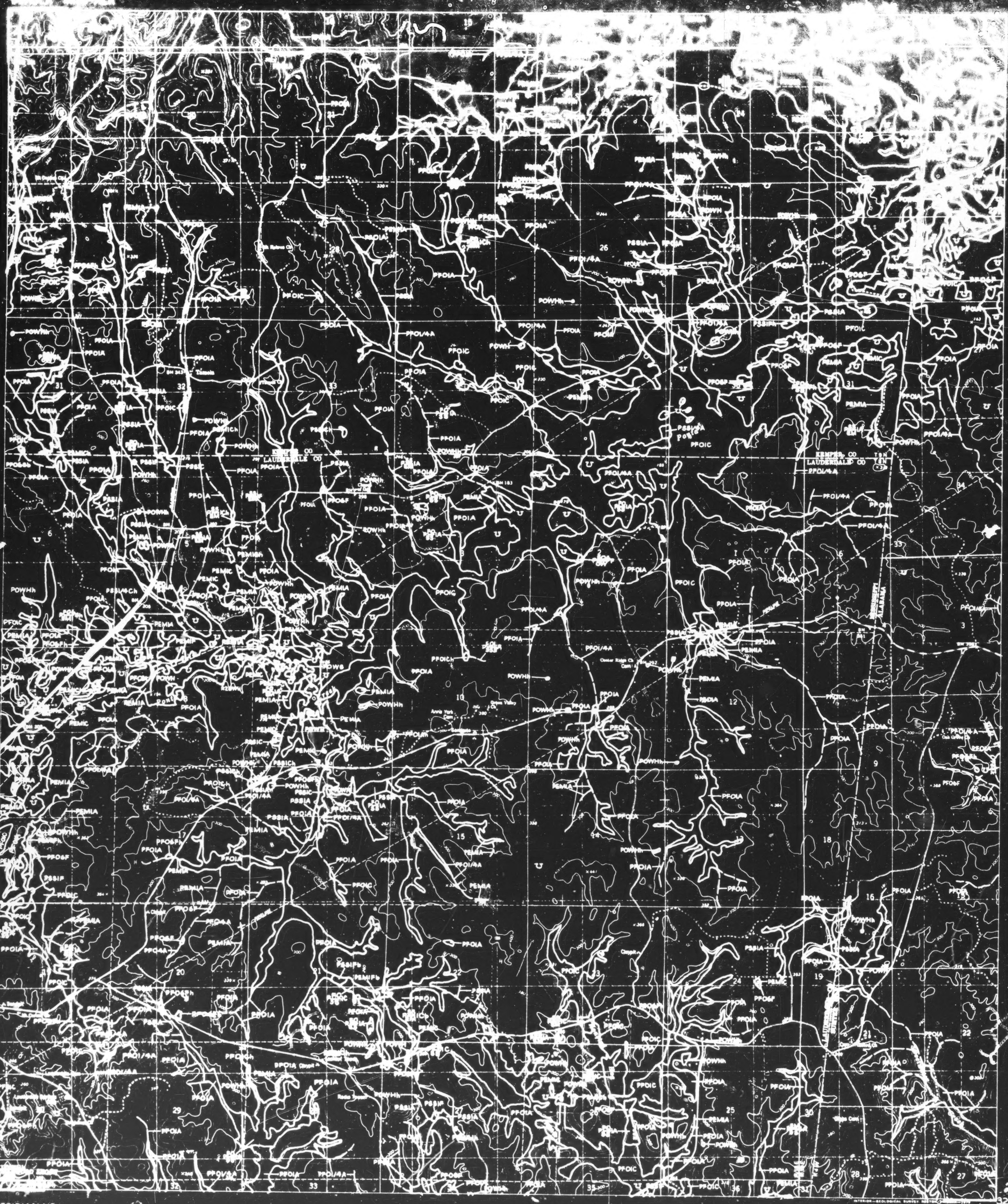
KEMPER CO
LAUDERDALE CO
T 9 N
R 17 W
R 16 W
R 15 W
R 14 W
R 13 W
R 12 W
R 11 W
R 10 W
R 9 W
R 8 W
R 7 W
R 6 W
R 5 W
R 4 W
R 3 W
R 2 W
R 1 W
T 8 N
T 7 N
T 6 N
T 5 N
T 4 N
T 3 N
T 2 N
T 1 N
T 1 S
T 2 S
T 3 S
T 4 S
T 5 S
T 6 S
T 7 S
T 8 S
T 9 S
T 10 S
T 11 S
T 12 S
T 13 S
T

WETLAND LEGEND

E – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

MODIFYING TERMS

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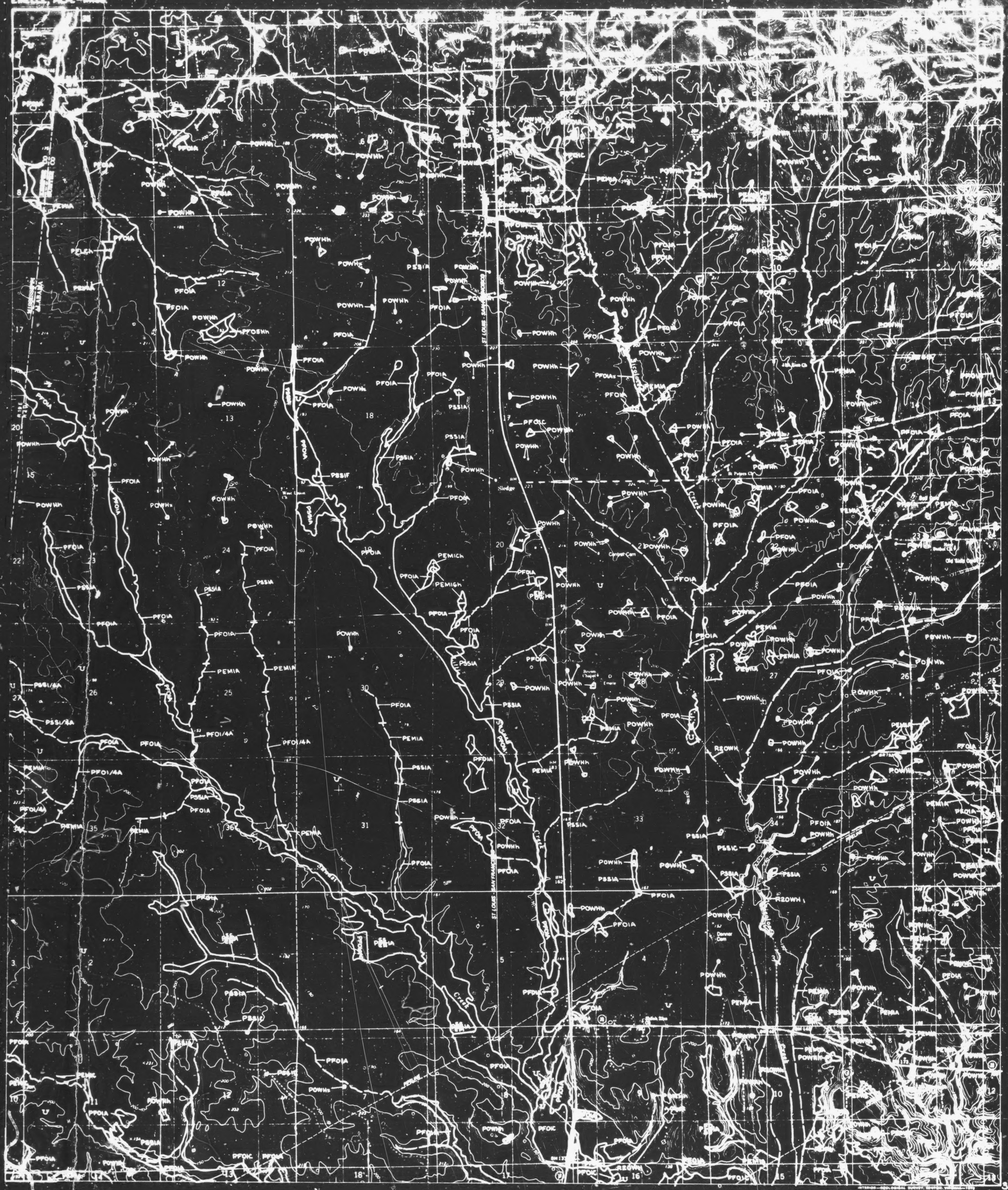
| WATER REGIME(1) | | |

NATIONAL WETLANDS INVENTORY

EMELLE, ALA.-MISS.



MERIDIAN NE
DE KALB

SCALE 1:24000

27
32°37'30"
88°15'

A/P 4/80
EMELLE, ALA - MISS

WETLAND LEGEND

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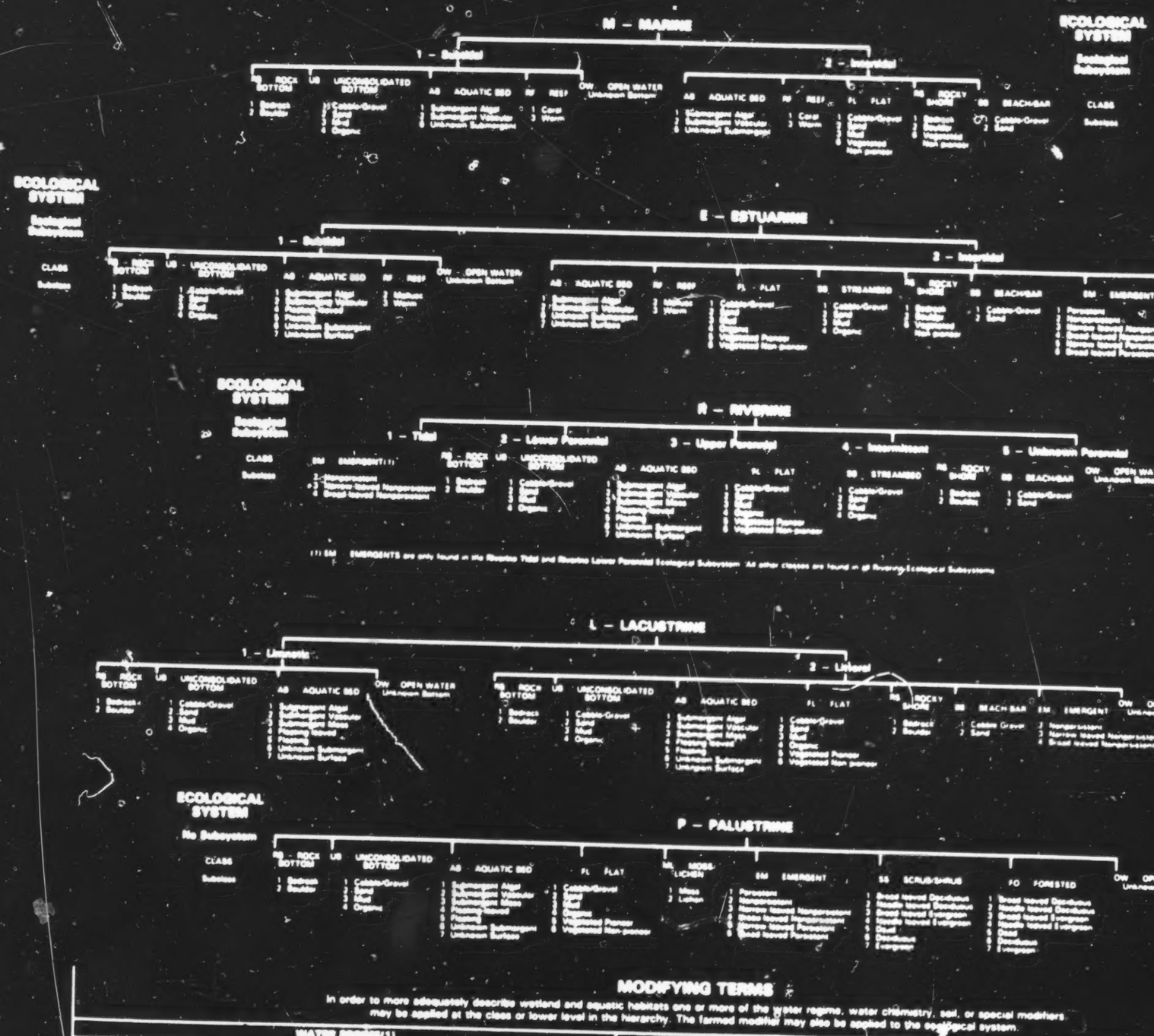

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WATER REGIME(1)										WATER CHEMISTRY						SOIL	SPECIAL MODIFIERS				
Non-Tidal				Tidal						Coastal Salinity		Inland Salinity		pH Modifiers for all Fresh Water							
A	Temporary	H	Permanent	R	Artificial	S	Seasonal Tidal			5	Hypersaline	3	Hyperhaline	1	Acid	1	Organic	b	Beaver	d	Partially Drained/Ditched
B	Saturated	J	Intermittently Flooded	S	Regularly Flooded	T	Temporary Tidal			6	Eusaline	4	Eusaline	2	Circumneutral	2	Mineral	f	Farmed	g	Diked/Impounded
C	Seasonal	K	Artificial	T	Irregularly Flooded	U	Permanently Tidal			7	Mixosaline	0	Fresh	3	Alkaline					h	Excavated
E	Intermittently Exposed			U	Irrigated	V	Intermittently Tidal			8	Polysaline										
						Z	Unknown			9	Metasaline										

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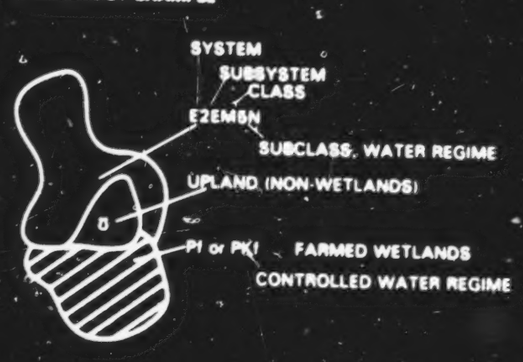
SYMBOLOGY EXAMPLE



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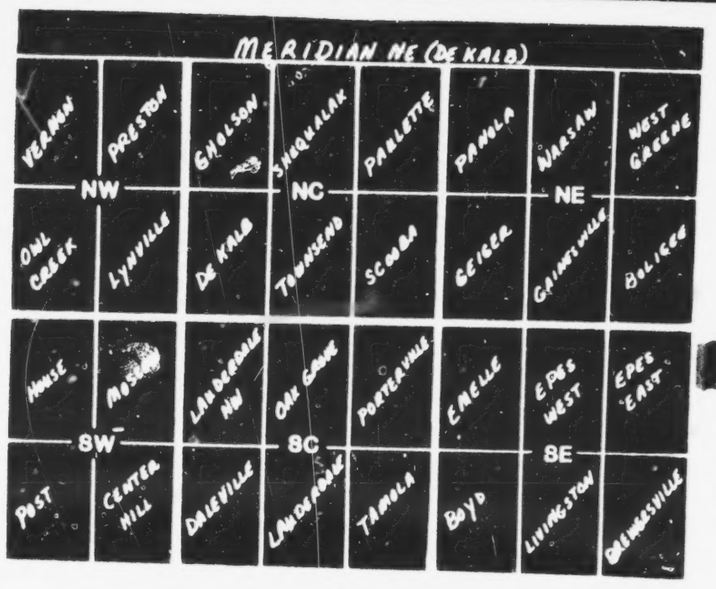
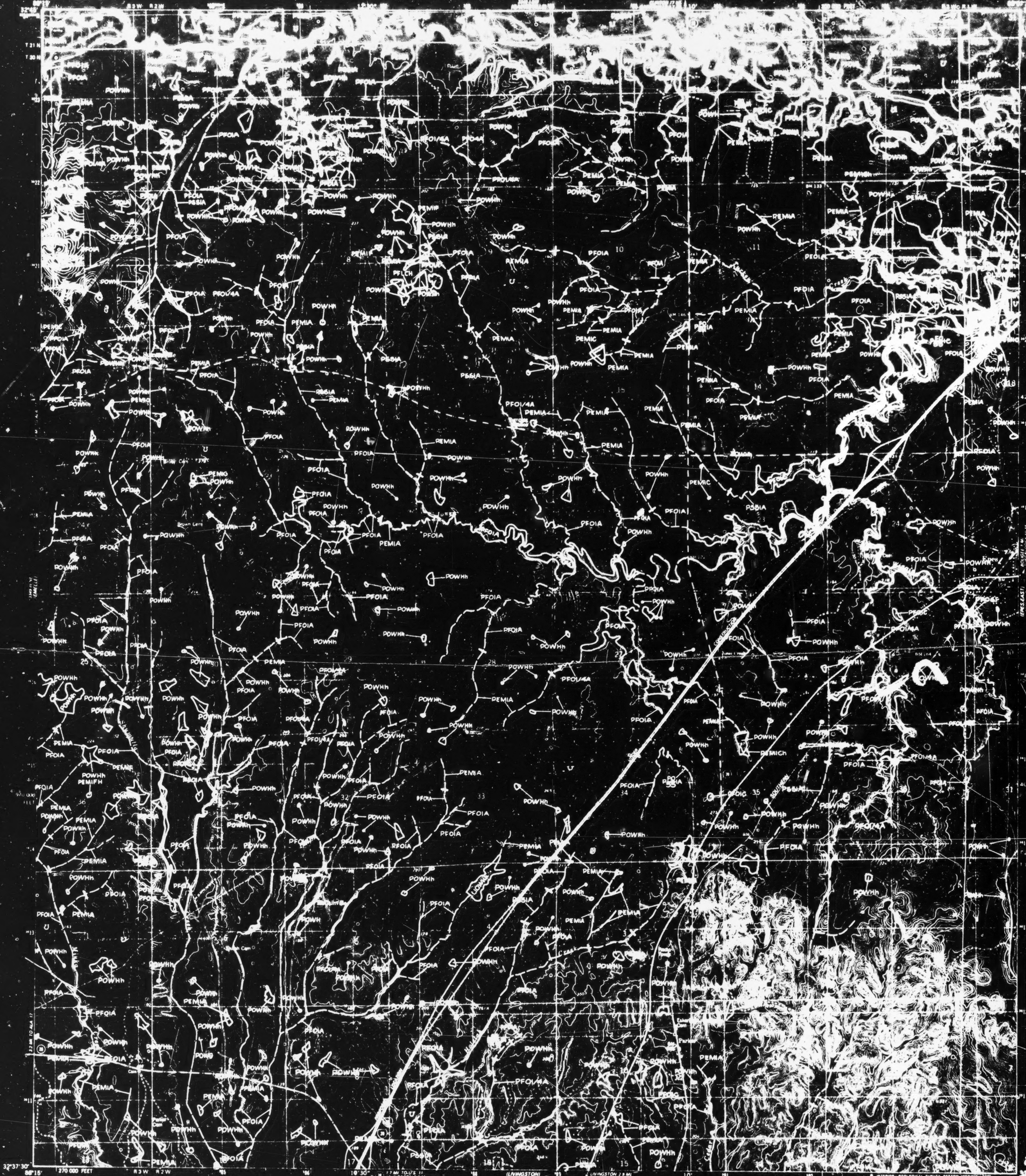


AP 160+4C

NATIONAL WETLANDS INVENTORY

United States Department of the Interior

EPES WEST, ALA.



A/P 7/30

EPES, WEST, ALA.

WETLAND LEGEND

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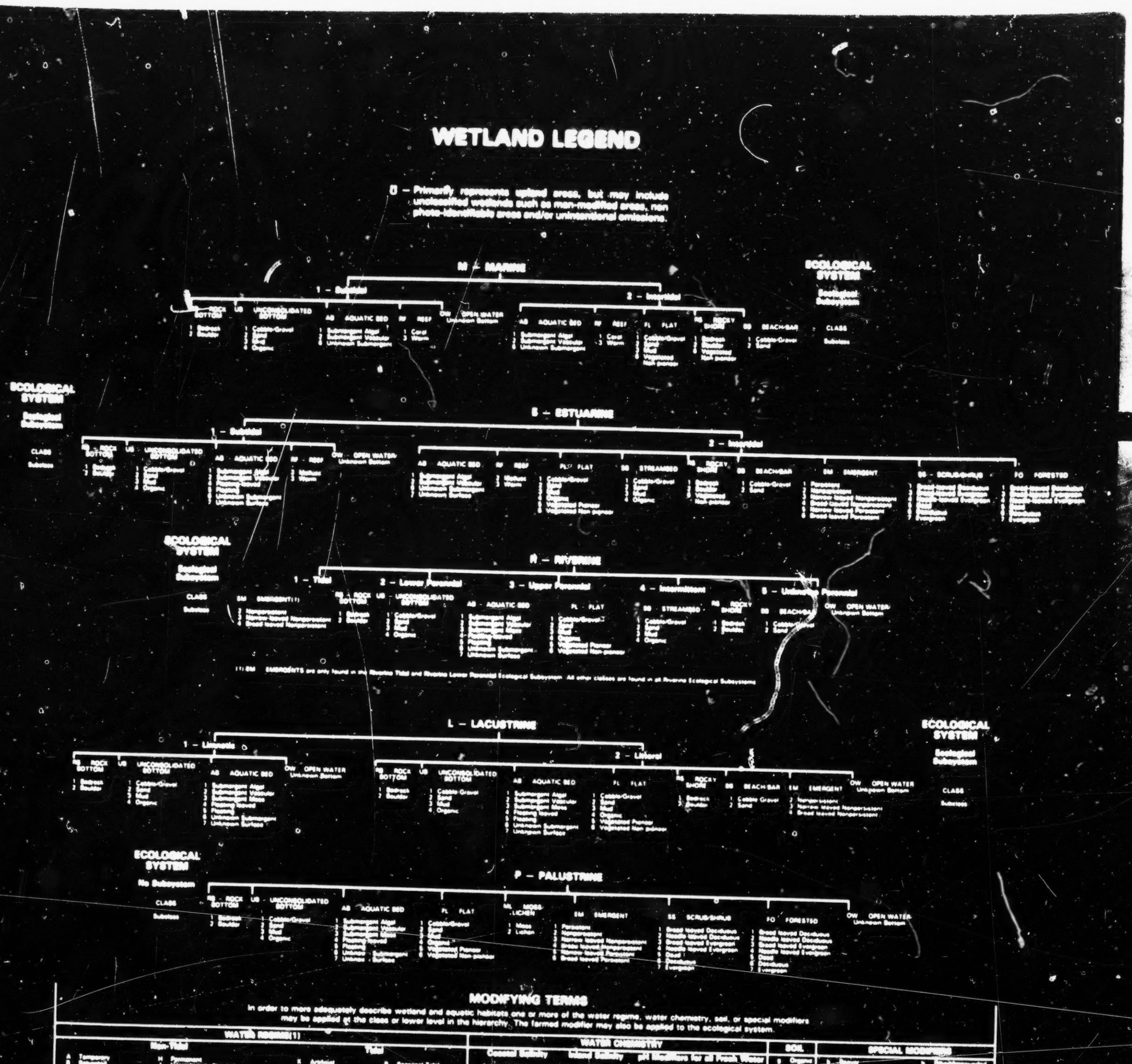

MODIFYING TERMS

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WATER REGIME(1)										WATER CHEMISTRY				SOIL	SPECIAL MODIFIERS		
Non-Tidal				Tidal						Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water					
Permanently Flooded	Intermittently Exposed	Semipermanently Flooded	Seasonally Flooded	Saturated	Artificially Flooded	Intermittently Exposed	Permanently Flooded	Seasonally Flooded	Temporarily Flooded	Hyperhaline	Hypersaline	Acid	Organic	Saturated	Partly Drained/Ditched	Farmed	Diked/Impounded
Semipermanently Flooded	Artificially Flooded	Intermittently Flooded/Temporary	Intermittently Flooded/Seasonal	Intermittently Flooded/Permanent	Intermittently Flooded		Intermittently Flooded/Temporary	Intermittently Flooded/Seasonal	Intermittently Flooded/Permanent	Euhaline	Mixosaline	Alkaline					Artificial
Seasonally Flooded										Mixohaline (Brackish)	Subsaline						Spoil
Saturated										Polyhaline	Fresh						Excavated
Temporarily Flooded										Euhaline							
Intermittently Flooded										Hyperhaline							

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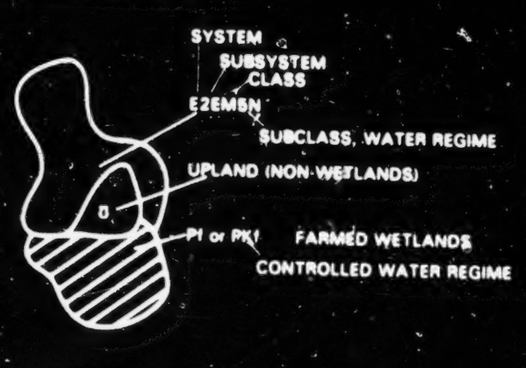
SYMBOLOGY EXAMPLE



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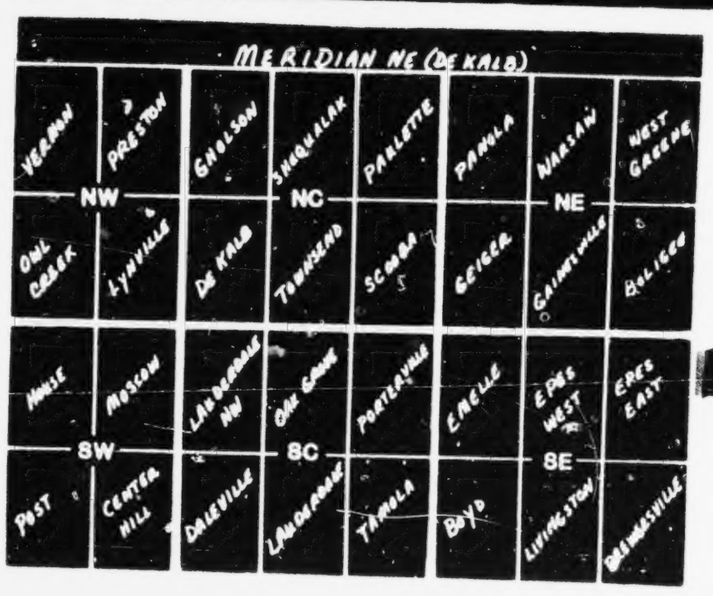

AP 14066C-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

EPES EAST, ALA.

TOMBIGBEE
RIVER
Jones Bluff
Epes
Lee Cem
Bunn Landing
Bryan Bluff
Gamerdon
Meyers
Taylo
DeVaney Cem
PFO1A
PFO1C
PFO1/4A
PFO6F
PEMIA
PEMIC
PEMIF
POWH
POWHx
PSSIA
PSSIC
PSSIF
PSSIA/4A
PSSIC/4A
PSSIF/4A
PFLCh
PEMIKh
PFOIKh
PEMICh
PEMIAx
R2OWH
L10WHh
L7WHh
L2WHh
L1OWHh
L1OWHx
LIOWHx
LIOWHh
PAB7Gh
PSSICh
PSSIAh
PSSIAx
PSSICx
PSSIFx
PEMIFx
PEMICx
PEMIAh
PEMICh
PEMIFh
PEMIKx
PEMIKh
PFOIKx
PFOICx
PFOIAx
PFOIAh
PFOICh
PFOIFx
PFOIFh
PFOIKh
PFLCh
PFLOh
PSSIAh
PSSICh
PSSIFh
PSSIA/4Ah
PSSIC/4Ah
PSSIF/4Ah
PEMIAh
PEMICh
PEMIFh
PEMIKh
PFOIAh
PFOICh
PFOIFh
PFOIKh
PFLCh
PFLOh
POWHh
POWHx
R2OWHh
L10WHh
L7WHh
L2WHh
L1OWHh
L1OWHx
LIOWHx
LIOWHh
PAB7Gh
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PFOIFx

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

M – MARINE

1 – Subtidal

RB	ROCK BOTTOM	1 Bedrock 2 Boulder	UB	UNCONSOLIDATED BOTTOM	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	AB	AQUATIC BED
						1 Submergent Algal 2 Submergent Vascular 6 Unknown Submergent	
RF	REEF	1 Coral 3 Worm	OW	OPEN WATER	Unknown Bottom		

2 – Intertidal

AB	AQUATIC BED	1 Submergent Algal 2 Submergent Vascular 6 Unknown Submergent	RF	REEF	1 Coral 3 Worm	FL	FLAT
						1 Cobble-Gravel 2 Sand 3 Mud 6 Vegetated Pioneer 8 Vegetated Non pioneer	
RS	ROCKY SHORE	1 Bedrock 2 Boulder 6 Vegetated Non pioneer	BB	BEACH/BAR	1 Cobble-Gravel 2 Sand		

ECOLOGICAL SYSTEM – Ecological Subsystem – CLASS – Subclass

E – ESTUARINE

1 – Subtidal

RB	ROCK BOTTOM	1 Bedrock 2 Boulder	UB	UNCONSOLIDATED BOTTOM	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	AB	AQUATIC BED
						1 Submergent Algal 2 Submergent Vascular 3 Submergent Moss 4 Floating Leaved 5 Floating 6 Unknown Submergent 7 Unknown Surface	
RF	REEF	1 Coral 3 Worm	OW	OPEN WATER	Unknown Bottom		

2 – Intertidal

AB	AQUATIC BED	1 Submergent Algal 2 Submergent Vascular 3 Submergent Moss 4 Floating Leaved 5 Floating 6 Unknown Submergent 7 Unknown Surface	RF	REEF	1 Coral 3 Worm	FL	FLAT
						1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 6 Vegetated Pioneer 8 Vegetated Non pioneer	
SB	STREAMBED	1 Cobble-Gravel 2 Sand 4 Organic	RS	ROCKY SHORE	1 Bedrock 2 Boulder 6 Vegetated Non pioneer	BB	BEACH/BAR
						1 Cobble-Gravel 2 Sand	
EM	EMERGENT	1 Persistent 2 Nonpersistent 3 Narrow leaved Nonpersistent 4 Broad leaved Nonpersistent 5 Narrow leaved Persistent 6 Broad leaved Persistent	SS	SCRUB/SHRUB	1 Broad leaved Deciduous 2 Needle leaved Deciduous 3 Broad leaved Evergreen 4 Needle leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	FO	FORESTED
						1 Broad leaved Deciduous 2 Needle leaved Deciduous 3 Broad leaved Evergreen 4 Needle leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	

ECOLOGICAL SYSTEM – Ecological Subsystem – CLASS – Subclass

R – RIVERINE

1 – Tidal | 2 – Lower Perennial | 3 – Upper Perennial | 4 – Intermittent | 5 – Unknown Perennial

EM	EMERGENT(1)	1 Nonpersistent 3 Narrow leaved Nonpersistent 4 Broad leaved Nonpersistent	RB	ROCK BOTTOM	1 Bedrock 2 Boulder	UB	UNCONSOLIDATED BOTTOM
						1 Cobble-Gravel 2 Sand 4 Organic	
AB	AQUATIC BED	1 Submergent Algal 2 Submergent Vascular 3 Submergent Moss 4 Floating Leaved 5 Floating 6 Unknown Submergent 7 Unknown Surface	FL	FLAT	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 6 Vegetated Pioneer 8 Vegetated Non pioneer	SB	STREAMBED
						1 Cobble-Gravel 2 Sand 4 Organic	
RS	ROCKY SHORE	1 Bedrock 2 Boulder	BB	BEACH/BAR	1 Cobble-Gravel 2 Sand	OW	OPEN WATER/ Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

ECOLOGICAL SYSTEM – Ecological Subsystem – CLASS – Subclass

L – LACUSTRINE

1 – Limnetic

RB	ROCK BOTTOM	1 Bedrock 2 Boulder	UB	UNCONSOLIDATED BOTTOM	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	AB	AQUATIC BED
						1 Submergent Algal 2 Submergent Vascular 3 Submergent Moss 4 Floating Leaved 5 Floating 6 Unknown Submergent 7 Unknown Surface	
OW	OPEN WATER	Unknown Bottom					

2 – Littoral

RB	ROCK BOTTOM	1 Bedrock 2 Boulder	UB	UNCONSOLIDATED BOTTOM	1 Cobble Gravel 2 Sand 3 Mud 4 Organic	AB	AQUATIC BED
						1 Submergent Algal 2 Submergent Vascular 3 Submergent Moss 4 Floating Leaved 5 Floating 6 Unknown Submergent 7 Unknown Surface	
FL	FLAT	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 6 Vegetated Pioneer 8 Vegetated Non pioneer	RS	ROCKY SHORE	1 Bedrock 2 Boulder	BB	BEACH/BAR
						1 Cobble Gravel 2 Sand	
EM	EMERGENT	2 Nonpersistent 3 Narrow leaved Nonpersistent 4 Broad leaved Nonpersistent	OW	OPEN WATER	Unknown Bottom		

ECOLOGICAL SYSTEM – Ecological Subsystem – CLASS – Subclass

P – PALUSTRINE

RB	ROCK BOTTOM	1 Bedrock 2 Boulder	UB	UNCONSOLIDATED BOTTOM	1 Cobble/Gravel 2 Sand 3 Mud 4 Organic	AB	AQUATIC BED
						1 Submergent Algal 2 Submergent Vascular 3 Submergent Moss 4 Floating Leaved 5 Floating 6 Unknown Submergent 7 Unknown Surface	
FL	FLAT	1 Cobble/Gravel 2 Sand 3 Mud 4 Organic 6 Vegetated Pioneer 8 Vegetated Non pioneer	ML	MOSS-LICHEN	1 Moss 2 Lichen	EM	EMERGENT
						1 Persistent 2 Nonpersistent 3 Narrow leaved Nonpersistent 4 Broad leaved Nonpersistent 5 Narrow leaved Persistent 6 Broad leaved Persistent	
SS	SCRUB/SHRUB	1 Broad leaved Deciduous 2 Needle leaved Deciduous 3 Broad leaved Evergreen 4 Needle leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	FO	FORESTED	1 Broad leaved Deciduous 2 Needle leaved Deciduous 3 Broad leaved Evergreen 4 Needle leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	OW	OPEN WATER Unknown Bottom

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Nontidal		Tidal		Tidal					Coastal Salinity	Inland Salinity			
A Temporary	H Permanent	K Artificial	R Seasonal Tidal						1 Hypersaline	7 Hypersaline	O Organic	b Beaver	d Diked/Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal						2 Eusaline	8 Eusaline	M Mineral	f Partially Drained/Ditched	h Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal						3 Mixohaline (Brackish)	9 Mixosaline		r Farmed	s Spoil
E Seasonal Well-drained	L Intermittently Exposed/Permanent	N Regularly Exposed	U Permanent Tidal						4 Polyhaline	0 Fresh			t Excavated
F Semipermanent	Z Intermittently Flooded/Temporary	P Irregularly Flooded	V Unknown						5 Euhaline				
G Intermittently Exposed									6 Hyperhaline				
									0 Fresh				

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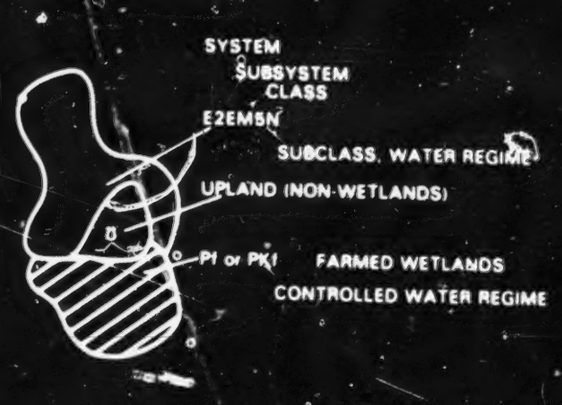

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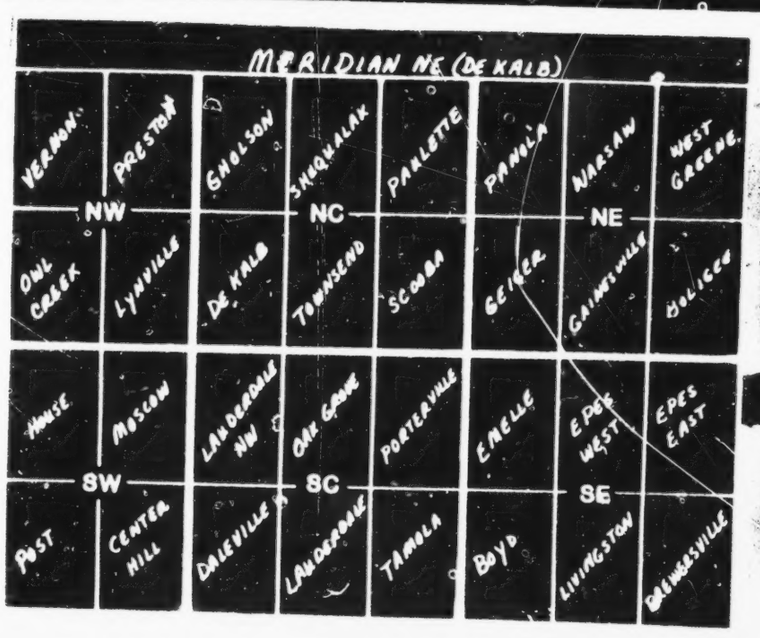
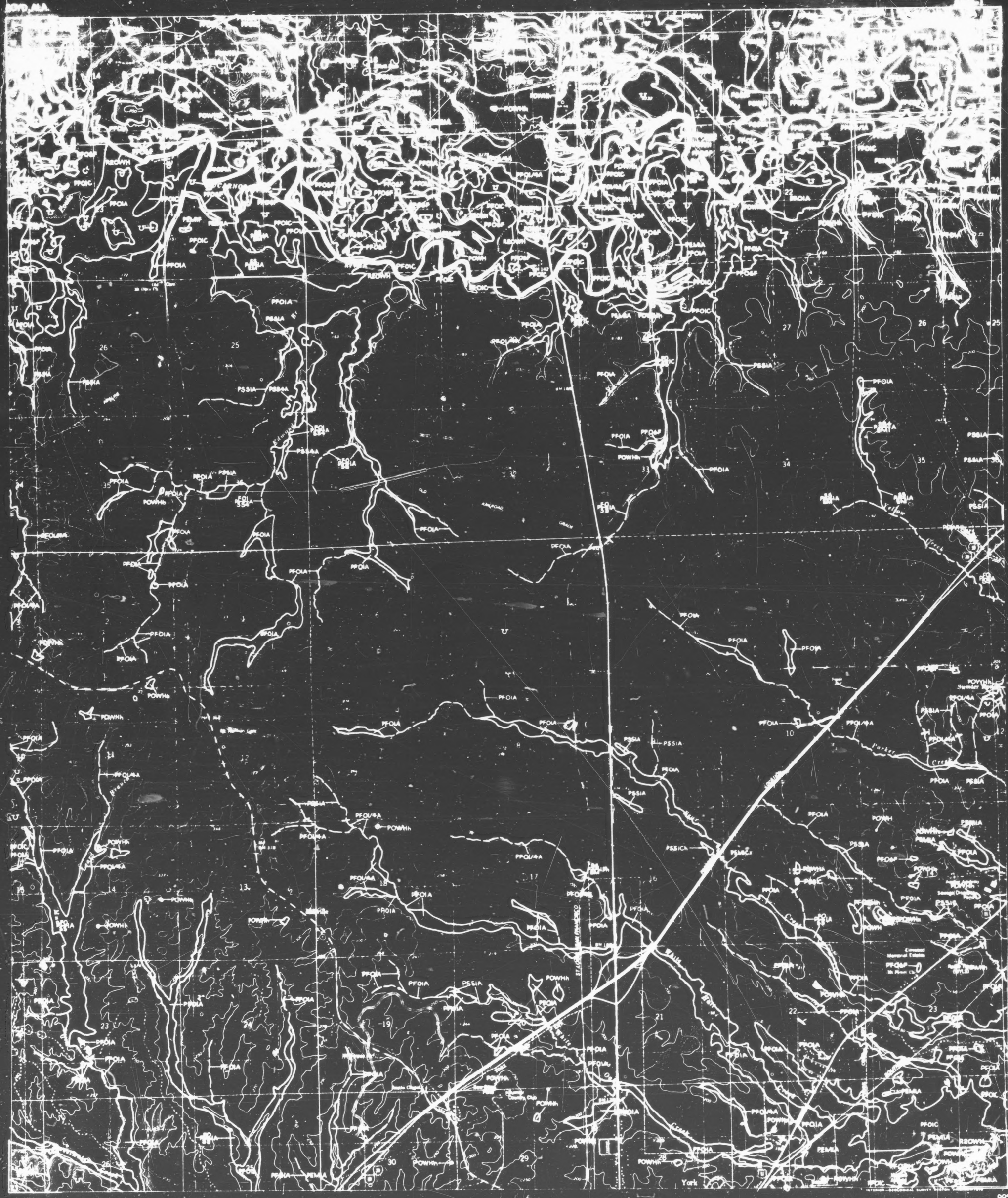


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR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WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unmeasurable omissions.

M – MARINE

E – ESTUARINE

R – RIVERINE

L – LACUSTRINE

P – PALUSTRINE

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

WATER CHEMISTRY

SOIL

SPECIAL MODIFIERS

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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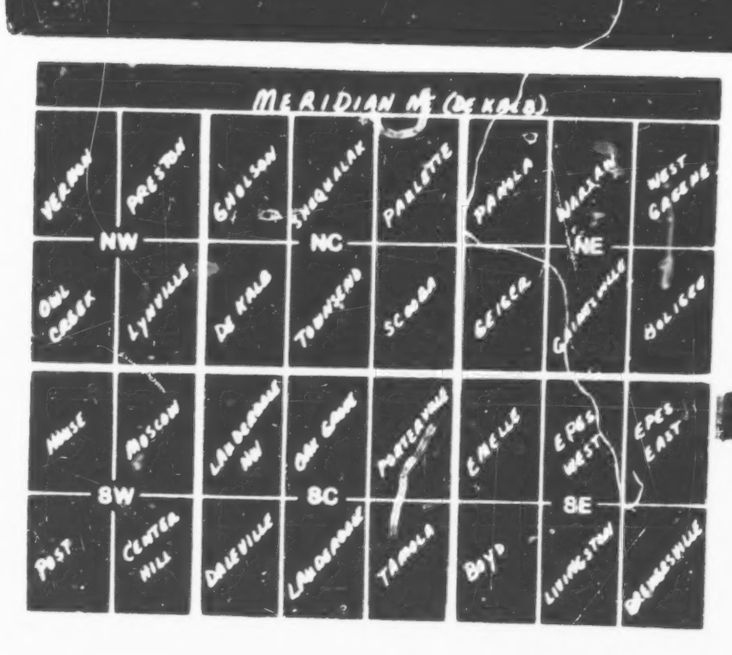
SYMBOLOGY EXAMPLE

NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (*)
- Dominance type (either vegetative or sedentary animal) can be added to the map by the interested user
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.



NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

LIVINGSTON, ALA.

MERIDIAN NE
DE KALB

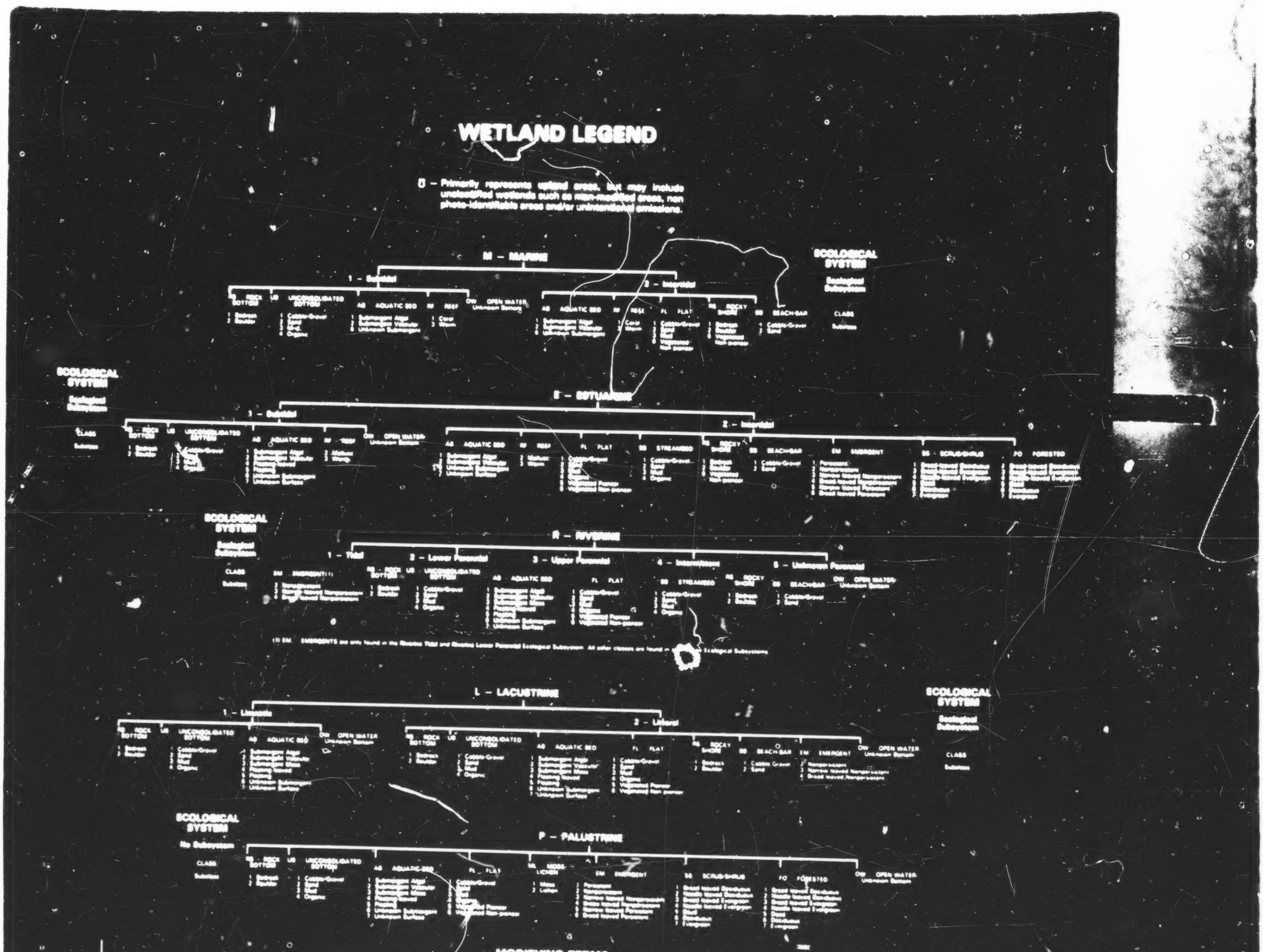
SCALE 1:24 000

31
32° 30'
88°07' 30"

A/P 4/80
LIVINGSTON, ALA

WETLAND LEGEND

B – Primarily represents wetland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.



MODIFYING TERMS

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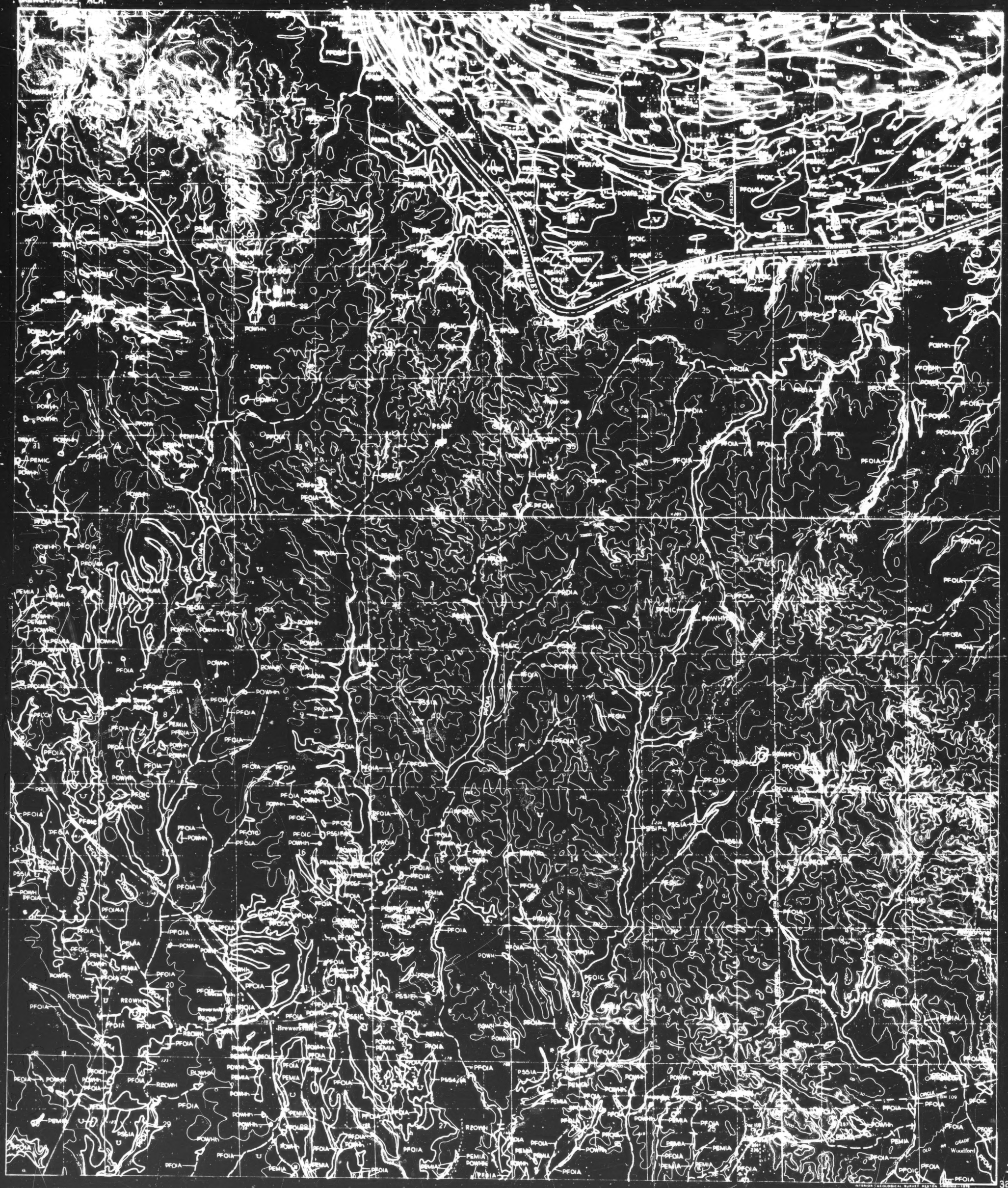
| WATER REGIME (1) | | |

AP 1466-SE-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

BREWERSVILLE, ALA.



MERIDIAN NE

DE KALB

SCALE 1:24000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978

32°30'

88°00'

A/P 4/80

BREWERSVILLE, ALA.

WETLAND LEGEND

U – Primarily represents wetland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

M – MARINE

1 – Subtidal
2 – Intertidal

SYSTEM
Ecological Subsystem
CLASS
Subclass

RB – ROCK BOTTOM: Bedrock; Boulder
UB – UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB – AQUATIC BED: Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent
RF – REEF: Coral; Worm
OW – OPEN WATER: Unknown Bottom
FL – FLAT: Cobble-Gravel; Sand; Mud; Organic; Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent; Unknown Surface; Aquatic Moss; Algal; Eelgrass; Macrophytic; Unknown Submergent; Unknown Surface
RS – ROCKY SHORE: Bedrock; Boulder; Rubble; Cobble-Gravel; Sand; Organic
BB – BEACH/BAR: Cobble-Gravel; Sand

E – ESTUARINE

1 – Subtidal
2 – Intertidal

SYSTEM
Ecological Subsystem
CLASS
Subclass

RB – ROCK BOTTOM: Bedrock; Boulder
UB – UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB – AQUATIC BED: Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent; Unknown Surface
RF – REEF: Coral; Worm
OW – OPEN WATER: Unknown Bottom
FL – FLAT: Cobble-Gravel; Sand; Mud; Organic; Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent; Unknown Surface; Aquatic Moss; Algal; Eelgrass; Macrophytic; Unknown Submergent; Unknown Surface
RS – ROCKY SHORE: Bedrock; Boulder; Rubble; Cobble-Gravel; Sand; Organic
BB – BEACH/BAR: Cobble-Gravel; Sand
EM – EMERGENT: Persistent; Non-persistent; Narrow-leaved Evergreen; Broad-leaved Deciduous; Broad-leaved Evergreen
SS – SCRUB-SHRUB: Broad-leaved Deciduous; Needle-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Evergreen; Dead; Deciduous; Evergreen
FO – FORESTED: Broad-leaved Deciduous; Needle-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Evergreen; Dead; Deciduous; Evergreen

R – RIVERINE

1 – Tidal
2 – Lower Perennial
3 – Upper Perennial
4 – Intermittent
5 – Unknown Perennial

SYSTEM
Ecological Subsystem
CLASS
Subclass

EM – EMERGENT(1): Persistent; Non-persistent
RB – ROCK BOTTOM: Bedrock; Boulder
UB – UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB – AQUATIC BED: Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent; Unknown Surface
FL – FLAT: Cobble-Gravel; Sand; Mud; Organic; Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent; Unknown Surface
SB – STREAMBED: Cobble-Gravel; Sand; Mud; Organic; Vegetated; Non-vegetated
RS – ROCKY SHORE: Bedrock; Boulder
BB – BEACH/BAR: Cobble-Gravel; Sand
OW – OPEN WATER: Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic
2 – Littoral

SYSTEM
Ecological Subsystem
CLASS
Subclass

RB – ROCK BOTTOM: Bedrock; Boulder
UB – UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB – AQUATIC BED: Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent; Unknown Surface
OW – OPEN WATER: Unknown Bottom
FL – FLAT: Cobble-Gravel; Sand; Mud; Organic; Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent; Unknown Surface
RS – ROCKY SHORE: Bedrock; Boulder
BB – BEACH/BAR: Cobble Gravel; Sand
EM – EMERGENT: Persistent; Non-persistent; Narrow-leaved Evergreen; Broad-leaved Deciduous; Broad-leaved Evergreen

P – PALUSTRINE

SYSTEM
No Subsystems
CLASS
Subclass

RB – ROCK BOTTOM: Bedrock; Boulder
UB – UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB – AQUATIC BED: Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent; Unknown Surface
FL – FLAT: Cobble-Gravel; Sand; Mud; Organic; Algal; Aquatic Moss; Eelgrass; Turtlegrass; Macrophytic; Unknown Submergent; Unknown Surface
MB – MOSS-LICHEN: Moss; Lichen
EM – EMERGENT: Persistent; Non-persistent; Narrow-leaved Evergreen; Broad-leaved Deciduous; Broad-leaved Evergreen
SS – SCRUB-SHRUB: Broad-leaved Deciduous; Needle-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Evergreen; Dead; Deciduous; Evergreen
FO – FORESTED: Broad-leaved Deciduous; Needle-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Evergreen; Dead; Deciduous; Evergreen
OW – OPEN WATER: Unknown Bottom

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WATER REGIMES(1)

Non-Tidal: Permanent; Semipermanent; Intermittent; Artificially Flooded; Saturated; Seasonal; Temporary; Intermittently Exposed; Artificial; Intermittently Flooded; Saturated; Artificial; Permanent; Semipermanent; Intermittent; Temporary; Saturated; Artificial; Intermittently Exposed; Artificial; Intermittently Flooded; Saturated; Artificial; Permanent; Semipermanent; Intermittent; Temporary; Saturated; Artificial; Intermittently Exposed; Artificial; Intermittently Flooded; Saturated; Artificial; Unknown

Tidal: Permanent Tidal; Subtidal; Irregularly Exposed; Regularly Flooded; Seasonal Tidal; Temporarily Tidal; Irregularly Flooded; Saturated Tidal; Irregularly Exposed; Irregularly Flooded; Saturated Tidal; Irregularly Exposed; Irregularly Flooded; Saturated Tidal; Unknown

WATER CHEMISTRY

Coastal Salinity: Hypersaline; Euhaline; Mixohaline (Brackish); Polyhaline; Mesohaline; Oligohaline; Fresh

Inland Salinity: Hyperhaline; Euhaline; Mixohaline (Brackish); Polyhaline; Mesohaline; Oligohaline; Fresh

pH Modifiers for all Fresh Water: Acid; Circumneutral; Alkaline

SOIL: Organic; Mineral

SPECIAL MODIFIERS: Beaver; Farmed; Diked/Impounded; Partially Drained/Ditched; Artificial; Spoil; Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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MERIDIAN NE (DE KALB)

VERNON	PRESTON	SHELSON	SHERWOOD	PARLETTE	PAMLA	NARSAW	WEST GREENE
NW			NC			NE	
OAK CREEK	SYDNEY	DE KALB	TOWNSEND	SCOBA	GENEVA	GEORGEVILLE	OSWEGO
NAPLE	MASON	LAUDERDALE MILL	OAK GROVE	POSTELWAITE	EARLE	EPES WEST	EPES EAST
SW			SC			SE	
POST	CENTER HILL	DALEVILLE	LAUDERDALE	TAMALA	BOYD	LIVINGSTON	GREENESVILLE